DOCUMENT RESUME

ED 297 666 HE 021 642

AUTHOR Zikopoulos, Marianthi, Ed.
TITLE Profiles: Detailed Analyses of the Foreign Student Population, 1985/86.
INSTITUTION Institute of International Education, New York, N.Y.
SPONS AGENCY United States Information Agency, Washington, D. C.
REPORT NO ISBN-87206-162-0
PUB DATE 88
NOTE 199p.
AVAILABLE FROM Institute of International Education, 809 United Nations Plaza, New York, NY 10017 ($29.95).
PUB TYPE Statistical Data (110) -- Tests/Evaluation Instruments (160)

EDRS PRICE MF01/PC08 Plus Postage.
DESCRIPTORS Course Selection (Students); Educational Assessment; Ethnic Distribution; *Foreign Students; *Geographic Distribution; Graduate Study; Higher Education; National Surveys; *Student Characteristics; Undergraduate Study

ABSTRACT

The results of the most recent survey on foreign students in regionally accredited institutions of higher education in the United States are provided. In-depth information is included on such topics as: what proportion of students from a specific country are graduates or undergraduates; what proportion of students in different fields are graduates or undergraduates; what proportion of students from a certain country are studying business and management, and what proportion of those are male or female; and what countries or world regions foreign students attending schools in California come from. Background is provided on methodology and data characteristics, organization, and special reports. Foreign student characteristics by world region and place of origin look at African, European, Latin American, Middle Eastern, North American, Oceanian, and South and East Asian students. Information is provided on foreign students within U.S. region, academic level, and field of study (geographic and educational destinations, academic level, and field of study). The appendices are detailed cross-tabulations; step 2/step 3 comparisons; selected characteristics of foreign students by country or other place, subregion, and world region of origin; fields of study; countries and other places by world region and subregion; and 1985/86 individual data (step 3) survey materials. Forty-one tables and figures are included. (SM)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

ED297665

PROFILES

DETAILED ANALYSES OF THE FOREIGN STUDENT POPULATION

1985/1986

"PERMISSION TO REPRODUCE THIS MATERIAL HAS BEEN GRANTED BY

INSTITUTE OF INTERNATIONAL EDUCATION

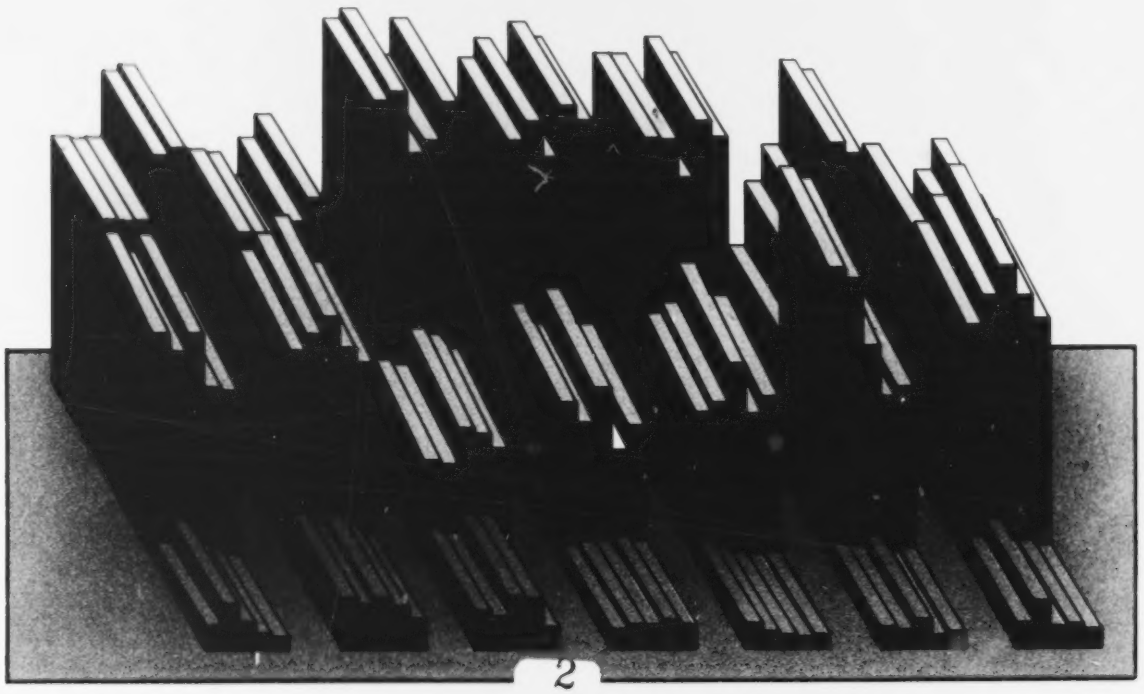
TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)."

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

This document has been reproduced as received from the person or organization originating it.

Minor changes have been made to improve reproduction quality.

Points of view or opinions stated in this document do not necessarily represent official OERI position or policy.



INSTITUTE OF INTERNATIONAL EDUCATION

HE 021 642

PROFILES

DETAILED ANALYSES OF THE
FOREIGN STUDENT POPULATION

1985/1986

Marianthi Zikopoulos
Editor

Ellen L. Goodman
Design and Production

The Institute gratefully acknowledges special grant support from the United States Information Agency for the implementation of the Individual Data Survey and the production of *Profiles*.

INSTITUTE OF INTERNATIONAL EDUCATION
809 UNITED NATIONS PLAZA
NEW YORK, N.Y.10017

INTERASSOCIATIONAL COMMITTEE ON DATA COLLECTION (ICDC)

PRESENT MEMBERS

CHAIR
Michael Dean, University of Wisconsin-Madison

AACRAO
David Eckholm, University of Wisconsin-Stevens Point
John T. Stewart, Miami-Dade Community College

IIE
Elinor G. Barber
Marianthi Zikopoulos

NAFSA
Jerry Wilcox, Cornell University
Jolene Groh, Western Michigan University

The Institute of International Education (IIE) was founded in 1919 to promote peace and understanding through educational and cultural exchanges. At present it is the largest not-for-profit organization in this field.

Among the services made possible through contributions are free information and counseling; a reference library; provision of services to students, trainees and professional personnel coming to the United States, to American students going abroad, and to organizations overseas; and publications relating to the field of international education.

The Institute fulfills its mission through its services to sponsors—foundations, corporations, governmental agencies, and international organizations—and through its services to educational institutions and the general public. Services to its sponsors are self-supporting; services to educational institutions and the general public are made possible through contributions from individuals, foundations, and corporations. Contributions to the Institute are tax-deductible.

Open Doors, a complimentary volume to *Profiles* that is based on the Annual Census of Foreign Students, is published annually by IIE. It can be purchased from the Communications Division, IIE, for $29.95 (includes Book Rate postage and handling). An order form is provided for your convenience at the back of this book.

The Research Division of IIE which conducts the Individual Data Survey can produce special reports from the data base for scholars and others interested in international educational exchange. For further information and charges see page 13 of this book or contact the Research Division, IIE.

GUIDELINES FOR THE RELEASE OF STEP 3 DATA

Reports based on Census data are available to individuals, agencies or corporations for clearly identified purposes of scholarly research, public information or recruitment for employment.

Reports will be produced for recruitment purposes only when the employer has indicated that: the openings are for employment in the students' home countries or, in some instances, home regions; students' obligations to the sponsors of their U.S. study and/or to their own governments will be respected; the corporation or agency does not engage in discriminatory practices.

Student names obtained as a by-product of the Census activity will not be released in any case without the students' prior consent.

The Institute of International Education reserves the right to request that the proposed use of the data be documented and to withhold Census data when the request is not deemed to be of appropriate scholarly, public information or recruitment purposes.

ISBN: 87206-162-0
Copyright © 1988 Institute of International Education
All rights reserved
Printed in the United States
Price: $29.95 per copy includes book rate postage and handling

Foreign Student
A foreign student is defined as anyone who is enrolled in courses at institutions of higher education in the United States who is not a citizen or an immigrant (permanent resident). Persons with refugee status are included.

Higher Education
In respect to the United States, the term "higher education" is used to describe the group of regionally accredited colleges and universities listed in the *Education Directory, Colleges and Universities-1981/82* (U.S. Government Printing Office, National Center for Education Statistics document No. 82-306) and updated in the *Supplement to the Education Directory, Colleges and Universities-1982/83* (NCES document No. 83-301).

Fields of Study
The fields of study used in this book are those from *A Classification of Instructional Programs*, also published by the NCES. See **Appendix D** for the list of fields.

Regions
The countries and other places included under each major world region are listed in **Appendix E.**

ACKNOWLEDGMENTS

To the thousands of men and women of the National Association for Foreign Student Affairs (NAFSA) and the American Association of Collegiate Registrars and Admissions Officers (AACRAO), who spent many hours in addition to their usual work on the Annual Census to provide the extra detailed level of data needed to produce this book;

to the Bureau of Educational and Cultural Affairs of the United States Information Agency, and in particular Adeline O'Connell, Chief, Student Support Services, and Harriet McGuire, Senior Program Officer, whose guidance and support made the Individual Data Survey and this edition of *Profiles* possible;

to IIE's data processing staff who assisted in the design and implementation of the complex programs needed to utilize the vast amount of data on which this book is based;

to Peggy Blumenthal for her good humored encouragement and steadying influence; to Elinor Barber for her overall supervision and concern about substantive issues; to Alec Campbell for supervising the collection of the data, for doing the complex computer analyses and for his much needed assistance in putting this volume together; and to Alfred Julian and Bopha Kchao for their assistance in the analysis of the data;

to our collegues at IIE in New York and the regional offices who assisted both in data collection and in the productionof this book;

to Mary Elisabeth Randall and John F. Collins, past and present presidents of AACRAO; Richard M. Krasno, president of IIE; and Richard D. Downie and Josef Mestenhauser, past and present presidents of NAFSA, for their support and encouragement;

to the NAFSA regional chairpersons and all others whose letters and calls brought in responses from many tardy or reluctant institutions;

to these and to the many other people who assisted in the preparation of this book we express our gratitude.

TABLE OF CONTENTS

INTRODUCTION 9

CHAPTER 1 BACKGROUND 11
Methodology and Data Characteristics 11
Organization 12
Special Reports 13

CHAPTER 2 FOREIGN STUDENT CHARACTERISTICS BY WORLD REGION AND PLACE OF ORIGIN 14
African Students 14
European Students 19
Latin American Students 25
Middle Eastern Students 27
North American Students 30
Oceanian Students 31
South and East Asian Students 32

CHAPTER 3 FOREIGN STUDENTS WITHIN U.S. REGION, ACADEMIC LEVEL, AND FIELD OF STUDY 38
Geographic Destinations 38
Educational Destinations 42
Academic Level 44
Field of Study 45

APPENDICES
A: Detailed Cross-Tabulations 51
B: Step 2/Step 3 Comparisons 65
C: Selected Characteristics of Foreign Students by Country or Other Place, Subregion, and World Region of Origin 72
D: Fields of Study 127
E: Countries and Other Places by World Region and Subregion 136
F: 1985/86 Individual Data (STEP 3) Survey Materials 137

TABLES

1.1 Annual Census and Individual Data Survey: Response Rates, 1979/80-1985/86 11

1.2 Individual Data Survey: Response Rate to Major Foreign Student Characteristics, 1985/86 12

1.3 Annual Census and Individual Data Survey: Distribution of Foreign Student Characteristics, 1985/86 13

2.1 Individual Data Survey: World Region and Subregion of Origin of Foreign Students, 1985/86 14

2.2 Annual Census: World Region and Leading Place of Origin of Foreign Students, Selected Years, 1949/50-1985/86 15

2.3 Field of Study of Foreign Students by World Region and Leading Place of Origin, 1985/86 18

2.4 Field of Study of Foreign Students by World Region of Origin, Selected Years, 1949/50-1985/86 20

2.5 Field of Study of Foreign Students by Leading Place Within World Region of Origin, Selected Years, 1949/50-1985/86 22

2.6 Academic Level of Foreign Students by World Region and Leading Place of Origin, 1985/86 25

2.7 Academic Level of Foreign Students by World Region of Origin, Selected Years, 1954/55 - 1985/86 26

2.8 Academic Level of Foreign Students by Leading Place Within World Region of Origin, Selected Years, 1954/55-1985/86 28

2.9 Gender of Foreign Students Within Academic Level by World Region of Origin, 1985/86 31

2.10 Field of Study and Academic Level of Foreign Students by World Region and Leading Place of Origin, 1985/86 34

2.11 Gender of Foreign Students by World Region and Leading Place of Origin, 1985/86 36

3.1 World Region of Origin of Foreign Students Within U.S. Region and State, 1985/86 39

3.2 World Region and Subregion of Origin of Foreign Students Within Academic Level, 1985/86 40

3.3 Field of Study of Foreign Students Within Academic Level, 1985/86 42

3.4 Gender of Foreign Students Within Field of Study, 1985/86 43

3.5 Academic Level of Foreign Students Within Field of Study, 1985/86 43

3.6 Academic Level of Foreign Students Within Field of Study, Selected Years, 1963/64-1985/86 44

3.7 World Region of Origin of Foreign Students Within Field of Study, 1985/86 and 1979/80 45

3.8 World Region of Origin and Academic Level of Foreign Students Within Field of Study, 1985/86 47

3.9 Distribution of Foreign Students in Engineering and in Business and Management Subfields, 1985/86 48

3.10 Distribution of Foreign Students in "Other Engineering" Subfields, 1985/86 48

3.11 World Region of Origin of Foreign Students Within Engineering and Business and Management Subfields, 1985/86 49

A.1 Disaggregate Academic Level of Foreign Students by World Region of Origin, 1985/86 51

A.2 Academic Level of Foreign Students Within Field of Study by World Region and Leading Place of Origin, 1985/86 52

A.3 Gender of Foreign Students Within Field of Study by World Region and Leading Place of Origin, 1985/86 56

A.4 Gender of Foreign Students Within Field of Study and Academic Level by World Region and Leading Place of Origin, 1985/86 58

A.5 World Region of Origin of Foreign Students Within Academic Level, 1985/86 62

A.6 World Region and Leading Place of Origin of Foreign Students Within Engineering Subfields, 1985/86 63

A.7 World Region and Leading Place of Origin of Foreign Students Within Business and Management Subfields, 1985/86 64

FIGURES

2.A Field of Study of Foreign Students by World Region of Origin, 1985/86 17

2.B Academic Level of Foreign Students by World Region of Origin, ... 24

2.C Gender of Foreign Students Within Academic Level by World Region of Origin, 1985/86 33

2.D Gender of Foreign Students by World Region of Origin, 1985/86 37

3.A World Region of Origin of Foreign Students Within Academic Level, 1985/86 40

3.B Field of Study of Foreign Students Within Academic Level, 1985/86 41

3.C Gender of Foreign Students Within Field of Study, 1985/86 42

3.D Academic Level of Foreign Students Within Field of Study, 1985/86 43

3.E World Region of Origin of Foreign Students Within Field of Study, 1985/86 46

INTRODUCTION

Every two years since 1979, the Institute of International Education has conducted a survey of all regionally accredited institutions of higher education in the United States to obtain data on the foreign students they enroll. This fourth edition of *Profiles* is the result of the latest survey, conducted in 1985/86. The Research Division of IIE conducted the survey with the guidance of the Interassociational Committee on Data Collection (ICDC) whose members represent the American Association of Collegiate Registrars and Admissions Officers (AACRAO), the Institute of International Education (IIE), and the National Association for Foreign Student Affairs (NAFSA).

IIE has collected data on foreign students in the United States since the Institute was founded in 1919 to provide accurate annual counts of their number and some of their characteristics. In 1949, an annual report based on these surveys was begun, called *Education for One World*. In 1955, the title *Open Doors* was adopted.

Profiles is intended to complement *Open Doors*. Data in *Open Doors* are aggregate, reported on an institutional basis; the data in *Profiles* describe individual students and permit more detailed analyses of the foreign student population. The two reports are useful for different purposes. *Open Doors* provides information on a single or specific characteristic of the foreign student, e.g.:

- how many foreign students there are in the United States
- how many students come from particular countries or regions
- the distribution of foreign students among different fields of study
- how many are undergraduate or graduate students
- how many are female and how many male
- the distribution of foreign students among states and schools.

Profiles provides more detailed, in-depth information about the foreign student population, e.g.:

- what proportion of students from a specific country (e.g., Malaysia) are graduates or undergraduates
- what proportion of students in different fields of study (e.g., natural sciences) are graduates or undergraduates
- what proportion of Nigerian students in the U.S. are studying business and management, and what proportion of these are female or male
- what proportion of foreign students studying engineering are from Africa, and what proportion are from Asia
- what countries or world regions foreign students attending schools in California come from.

It is important to understand the difference in the information each publication contains. A key objective of *Open Doors* is to provide a complete census of the foreign student population. Until the early 1970s, it was possible to obtain this information by sending questionnaires to foreign students individually. In the early 1970s, however, for a number of reasons (principally the vast growth of the foreign student population) this method ceased to produce an acceptable response rate. In consultation with representatives of NAFSA and AACRAO, IIE adopted a new method: obtaining data from campus officials on an institutional basis on the total number of foreign students in certain categories (e.g., country of citizenship, field of study, academic level, and gender). This has substantially improved the census response rate (in recent years it has been 97% or above), and *Open Doors* now is based on these aggregate data (or totals by category). But these data no longer permit the kinds of detailed analyses that were possible when information was collected on an individual basis.

Thus, with the modification of *Open Doors*, it became necessary to complement the comprehensive census with a survey of the characteristics of individual foreign student. Known as the Individual Data survey or "**Step 3** survey" to distinguish it from the **Step 1** and **Step 2** surveys that produce *Open Doors*, it was first implemented in the academic year 1979/80. **Step 3** requests information on country of citizenship, field of study, academic level, gender, and primary source of financial support on each foreign student attending each school. Since the collection and analysis of these data is an enormous effort, this survey is done only biennially and published in *Profiles*.

It is much more difficult to complete a **Step 3** form than a **Step 2** form (indeed, **Step 3** data simply

are not available in some institutions), and consequently the response rate is not as high: a little over 84% of the institutions surveyed now provide detailed **Step 3** information on approximately 66% of the students reported on in the *Open Doors* census. This is, however, a significant improvement from the first Individual Data survey in 1979/80, when only 74% of the institutions reporting foreign student enrollments sent in detailed data, providing information on roughly 55% of the students reported in the annual census. Thus, in contrast to *Open Doors*, *Profiles* analyses are based on a sample rather than on the entire reported foreign student population. There is strong statistical evidence, however, that the sample is representative of the whole population and the findings in *Profiles* can be generalized to all foreign students.

Profiles and *Open Doors* can be most readily understood if compared. *Profiles* does not simply repeat data contained in *Open Doors*, but provides different, more complex analyses. While *Open Doors* is a better source for information on the major characteristics of foreign students, based as it is on nearly the whole foreign student population, *Profiles* offers comparative and cross-tabulated data that are essential to a deeper understanding of the meaning of foreign student flows, both for U.S. higher education and for the countries from which these students come.

CHAPTER 1: BACKGROUND

Methodology and Data Characteristics

Profiles contains the results of a biennial survey of all regionally accredited two- and four-year institutions of higher education in the United States (as listed in the *Education Directory, Colleges and Universities-1981/82* and its 1983 supplement). The survey for this edition of *Profiles* was conducted from fall 1985 to spring 1986, in conjunction with the Annual Census of Foreign Students in the United States (the results of which are published in the *Open Doors* series). The survey is known as the Individual Data survey, or, because it calls for more in-depth data than those collected in the two stages or steps of the Annual Census, the "**Step 3**" survey. It asks college and university officials for information on the country of citizenship, field of study, academic level, gender, and primary source of financial support of each foreign student.

Of the 2,507 institutions that reported foreign student enrollments in the Annual Census in 1985/86, 2,116 or 84% provided **Step 3** data on 227,966 individual students, or 66% of the 343,780 foreign students reported in the Annual Census (**Table 1.1**). The response rate to the Individual Data survey has improved significantly since 1979/80, the first year the survey was conducted, when only 74% of the institutions with foreign students reported detailed foreign student characteristics (**Table 1.1**). Although complete information was not provided for every individual, as **Table 1.2** shows, the response rate on all but one major characteristic was high, ranging from 88% to 99%. The exception was information on primary source of support, which was given for only 40% of the students reported on in the **Step 3** survey, and this variable, therefore, was not included in *Profiles* analyses.

Because of the varying response rates on individual characteristics, the absolute numbers of students in specific categories vary from one table to another. Also, the number of complete cases available for analysis decreases as the analyses become

1.1 Annual Census and Individual Data Survey: Response Rates, 1979/80 - 1985/86

RESPONSE	1979/80			1983/84			1985/86		
	Number	% Total Responses	% Reporting Foreign Students	Number	% Total Responses	% Reporting Foreign Students	Number	% Total Responses	% Reporting Foreign Students
No foreign students	299	10.1	–	268	9.7	–	296	10.6	–
Reporting total only– Step 1	506	17.2	19.1	318	11.5	12.7	219	7.8	8.7
Reporting institutional data– Step 2	2,145	72.7	80.9	2,180	78.8	87.3	2,288	81.6	91.3
Reporting individual data– Step 3	1,961	66.5	74.0	2,007	72.6	80.3	2,116	75.5	84.4
Reporting foreign students	2,651	89.9	100.0	2,498	90.3	100.0	2,507	89.4	100.0
Number of institutions responding	2,950	100.0	–	2,766	100.0	–	2,803	100.0	–

more complex, since cases with incomplete data vary from one variable to another.

Statistical evidence is strong for the assumption that **Step 3** data are representative of Census data. The characteristics of students in the two surveys (nationality, field of study, academic level, and gender) are quite similar, as can be seen in Table **1.3**. Also, the characteristics of the institutions responding to the **Step 3** survey (geographical location, program leghth (two-year/four-year) and institutional control) closely match the characteristics of those responding to the Census. Therefore, **Step 3** (or *Profiles*) data may be assumed to be representative of Census (or *Open Doors*) data.

The user can combine *Open Doors* and *Profiles* analyses to obtain information not available from either publication alone. For instance, it is possible to estimate the number of foreign students in subgroups based on two or more characteristics (e.g., nationality and academic level). If we know (from *Profiles*) that, in 1985/86, 83% of Malaysian students were undergraduates and (from *Open Doors*) that, the total number of Malaysian students reported was 23,020, by taking 83% of 23,020 (23,020 multiplied by 0.836) one can estimate that the total number of Malaysian undergraduate students was approximately 19,245.

Organization

This publication consists of an introduction, two main sections, and six appendices. The **Introduction** highlights the differences between *Open Doors* and *Profiles* and explains the unique usefulness of each. **Chapter 1** describes the research methodology used, characteristics of the data, the generalizability of the Individual Data survey results to the foreign student population covered by the Annual Census, and the special reports available. **Chapters 2 and 3** report the major findings of the survey. **Chapter 2** presents characteristics of foreign students in the United States categorized by world region and countries or other places within these regions that sent the highest number of foreign students to the U. S. **Chapter 3** presents analyses of the foreign student population at different "destinations," geographic and educational, in the United States. The geographic destinations include regions and states of the United States; the two academic destinations in the United States are fields of study and academic levels.

The analysis of the foreign student population in the United States is approached from two major perspectives in *Profiles*. In **Chapter 2**, characteristics are related to the students' geographic origins: What are the overall characteristics of students from the major world regions and from the countries or other places within those regions? What do students from particular regions study?How many are graduate and how many are undergraduate students? How many are male and how many are female? What are the characteristics of certain subgroups, such as Asian undergraduates? In **Chapter 3**, the focus shifts to various components of the educational scene within the United States: What are the characteristics of the foreign student population in different regions and states of this country? In different fields of study? At different academic levels? Data in **Chapter 2** are useful to those needing detailed information about students from specific places; **Chapter 3** is useful to those who wish to examine the dispersion of foreign students within the United States and within particular sectors of U.S. higher education. Data quoted in the following chapters are rounded off to whole percentage points.

It is impossible to include all analyses in the main body of this text. More complex data (i.e., detailed academic-level distributions, distributions among subfields of engineering and business and management, and breakdowns by field of study and gender and by field of study, academic level and gender) can be found in **Appendix A**. Information on countries not appearing in the text can be found in **Appendices B** and **C**. **Appendix B** compares the numbers and percentages of students from each country or other place, subregion, and world region as reported in the Individual Data survey and in the Census. **Appendix C** reports the distribution of foreign students from *each country* or other place of origin as well as subregion and world region, as reported in the Individual Data or **Step 3** survey, by major characteristics (field of study, gender, and academic level). Although somewhat complicated,

1.2 Individual Data Survey: Response Rate to Major Foreign Student Characteristics, 1985/86

CHARACTERISTICS	Number of Students Reported	Percent of Total Responses
Nationality	227,432	99.8
Gender	201,040	88.2
Academic Level	221,666	97.2
Field of Study	223,065	97.9
Primary Source of Support	92,107	40.4

Appendix C can be of great value; a guide to understanding it is provided on page 72.

Appendices D and **E** provide field-of-study and country taxonomies, respectively, and **Appendix F** contains a copy of the Individual Data survey materials.

Special Reports

The Research Division of IIE can produce upon request special reports from the **Step 3** data base for scholars and others interested in international educational exchange.

Locator reports

These reports show where (in what institution and state) foreign students from a particular country or group of countries are studying. Two kinds of locator reports are available:

a) ***A general country report***, showing the number of students from a specific country attending various institutions of higher education in each state of the United States (e.g., how many Irish students attended which institutions in each state).

b) A detailed country report, giving information on the location of students from a specific country in particular fields or subfields of study and at different academic levels (e.g., how many Saudi Arabian graduate students majoring in engineering attended which institutions in each U.S. state).

Specialized reports

These reports offer special analyses for persons needing information on foreign students from particular countries, in subgroups based on field of study, academic level, by gender, or in combinations of these attributes.

Specialized reports can answer such questions as: What number or proportion of undergraduate female Indian students study business and management? What is the proportion of women in each of the subfields of engineering at the graduate level? How many of the Peruvian students studying the physical and life sciences are undergraduates and how many are graduate students?

For further information on analyses available and quotations of cost, contact: Research Division, IIE, 809 United Nations Plaza, New York, NY 10017, (212) 984-5348.

1.3 Annual Census and Individual Data Survey: Distribution of Foreign Student Characteristics, 1985/86

CHARACTERISTIC	Annual Census	Individual Data Survey
WORLD REGION		
Africa	9.9	9.3
Europe	10.0	10.1
Latin America	13.2	14.1
Middle East	15.3	14.8
North America	4.7	5.1
Oceania	1.2	1.2
South and East Asia	45.6	45.2
Stateless	0.1	0.3
FIELD OF STUDY		
Agriculture	2.1	2.2
Business and Management	18.9	18.4
Education	3.4	3.5
Engineering	21.7	22.1
Fine and Applied Arts	4.5	4.9
Health Sciences	4.0	4.1
Humanities	3.5	4.0
Math and Computer Sciences	10.4	10.3
Physical and Life Sciences	7.8	7.8
Social Sciences	7.2	8.5
Other	6.9	6.4
Intensive English Language	3.7	2.1
Undeclared	5.9	5.7
ACADEMIC LEVEL		
Associate	11.2	11.9
Bachelor	43.4	44.0
Total Undergraduate	54.6	55.9
Graduate	38.5	39.1
Other	6.9	4.9
U.S. REGION		
Northeast	21.8	19.5
South	22.5	22.3
Southwest	12.1	13.4
Midwest	22.0	22.7
Mountain	3.0	3.4
Pacific	18.1	18.1
Other	0.5	0.5
TYPE OF INSTITUTION		
Two-Year	12.2	11.5
Four-Year	87.8	88.5
Public	65.3	62.7
Private	34.7	37.3
TOTAL NUMBER OF STUDENTS	**343,780**	**227,966**

CHAPTER 2: FOREIGN STUDENT CHARACTERISTICS BY WORLD REGION AND PLACE OF ORIGIN

INTRODUCTION

This chapter presents the characteristics (field of study, academic level and gender) of foreign students in the United States categorized by world region and by those countries or other places within world regions that sent the highest number of foreign students to the U.S. (leading places of origin). Many interesting differences can be discerned by examining and comparing the profiles of students from within a particular region rather than looking at the foreign student population as a whole. Thus, this chapter presents the characteristics of the students in each world region separately. The regions are considered in alphabetical order. Field of study analyses are presented first, followed by academic level analyses, including separate discussions of the characteristics of undergraduate and graduate students. Gender distributions of foreign students are presented last.

Note that some detailed analyses by world region and place of origin could not be incorporated into this chapter and are presented in **Appendices A.1-A.4.** Also, to find information on the characteristics of foreign students from countries which are not analyzed in this chapter, go to **Appendix C.** It presents the fields of study, academic level, and gender of foreign students from **every country or other place of origin**.

AFRICAN STUDENTS

Africans comprised approximately one-tenth (9%) of the U.S. foreign student population in 1985/86 (**Table 2.1**). Roughly half came from West Africa, mainly from the country of Nigeria. The proportion of foreign students in the United States that came from Africa was considerably lower in the 1950's and 60's (below 6%), but by the end of the next decade it had doubled. The Africans' share remained at about 12% in the early 80's, but has been declining in recent years (**Table 2.2**).

2.1 Individual Data Survey: World Region and Subregion of Origin of Foreign Students, 1985/86

WORLD REGION/ SUBREGION	Number of Students Reported	Percentage of Students Reported
AFRICA, total[1]	**21,131**	**9.3**
Eastern Africa	4,223	1.9
Central Africa	892	0.4
North Africa	3,916	1.7
Southern Africa	1,649	0.7
West Africa	10,429	4.6
EUROPE, total	**23,038**	**10.2**
Eastern Europe	1,088	0.5
Western Europe	21,950	9.7
LATIN AMERICA, total	**31,980**	**14.1**
Caribbean	8,022	3.5
Central America	9,034	4.0
South America	14,924	6.6
MIDDLE EAST, total	**33,646**	**14.8**
NORTH AMERICA, total	**11,455**	**5.0**
OCEANIA, total	**2,702**	**1.2**
SOUTH AND EAST ASIA, total	**102,852**	**45.1**
East Asia	52,934	23.2
South Central Asia	16,986	7.5
Southeast Asia	32,932	14.4
STATELESS	**628**	**0.3**
ALL REGIONS	**227,432**	**100.0**

[1] The Africa regional total includes 22 students for whom no subregion of origin was specified.

Field of Study

The fields of study most often selected by African students in 1985/86 were business and management, selected by 21%, engineering, chosen by 16%,

2.2 *Annual Census: World Region and Leading Place of Origin of Foreign Students, Selected Years, 1949/50 - 1985/86*

WORLD REGION/ LOCALITY	1949/50		1959/60		1969/70		1979/80[1]		1985/86[1]	
	Number of Students Reported	% of Students Reported	Number of Students Reported	% of Students Reported	Number of Students Reported	% of Students Reported	Number of Students Reported	% of Students Reported	Number of Students Reported	% of Students Reported
AFRICA	**904**	**3.4**	**1,959**	**4.0**	**7,607**	**5.6**	**36,180**	**12.6**	**34,190**	**9.9**
Nigeria	176		258		1,851		16,360		13,710	
Egypt	349		490		1,015		1,650		2,270	
Ethiopia	37		170		540		1,340		1,940	
South Africa	155		181		457		1,170		1,790	
Kenya	5		156		492		1,850		1,720	
EUROPE	**5,574**	**21.1**	**26,392**	**13.2**	**18,524**	**13.7**	**22,570**	**7.9**	**34,310**	**10.0**
United Kingdom	792		993		4,216		4,280		5,940	
Germany, F.R.	671		720		2,634		3,000		4,730	
Greece	461		1,095		1,811		3,000		4,440	
France	494		572		1,977		2,250		3,680	
Italy	259		443		1,174		1,100		1,890	
LATIN AMERICA	**6,010**	**22.7**	**9,428**	**19.4**	**24,991**	**18.5**	**42,280**	**14.8**	**45,480**	**13.2**
Venezuela	446		1,126		1,722		9,860		7,040	
Mexico	825		1,356		2,501		5,650		5,460	
Colombia	582		687		2,045		3,200		4,010	
Brazil	423		473		1,349		2,910		2,840	
Trinidad & Tobago	124		255		780		1,030		2,250	
MIDDLE EAST	**2,207**	**8.4**	**6,477**	**13.4**	**15,122**	**11.2**	**83,700**	**29.2**	**52,720**	**15.3**
Iran	570		2,507		5,175		51,310		14,210	
Lebanon	113		590		1,020		6,040		7,090	
Saudi Arabia	18		93		1,029		9,540		6,900	
Jordan	17		556		909		4,720		6,590	
Kuwait	0		49		319		2,670		3,810	
NORTH AMERICA	**4,421**	**16.7**	**5,761**	**11.9**	**13,415**	**9.9**	**15,570**	**5.4**	**16,030**	**4.7**
Canada	4,362		5,679		13,318		15,130		15,410	
OCEANIA	**204**	**0.8**	**2,568**	**1.2**	**2,077**	**1.5**	**4,140**	**1.5**	**4,030**	**1.2**
Australia	149		367		1,077		1,560		1,530	
Pacific Is. Trust Terr.	14		38		326		1,900		1,520	
SOUTH AND EAST ASIA	**6,840**	**25.9**	**17,808**	**36.7**	**49,169**	**36.5**	**81,730**	**28.5**	**156,830**	**45.6**
Taiwan	3,637		4,546		12,029		17,560		23,770	
Malaysia	116		234		663		3,660		23,020	
Korea, Rep. of	258		2,474		3,991		4,890		18,660	
India	1,357		3,772		1,327		8,760		16,070	
China	–		–		–		1,000		13,980	
STATELESS	**273**	**1.0**	**93**	**0.2**	**4,034**	**3.0**	**170**	**0.1**	**190**	**0.1**
ALL REGIONS	**26,433**		**48,486**		**134,959**		**286,340**		**343,780**	

[1] *Figures for these years are rounded.*

and the social sciences, enrolling 12%.(**Table 2.3 and Figure 2.A**). A higher proportion of Africans studied agriculture than did students from any other world region.

Comparisons with previous years (**Table 2.4**) reveal a rapid steady rise in the share of business and management majors (a five-fold increase since the mid-50's) and a substantial decline of students in the social sciences (from 19% in 1969/70 to 12% in 1985/86). Enrollment in engineering, approximately 15% until 1969/70, rose to 20% in the 70's but fell again to 16% by 1985/86. The humanities, the health sciences and the physical and life sciences lost popularity over the years, while mathematics and computer sciences drew increasingly larger proportions of African students during the same period.

The fields of study selected by students from the leading African countries vary significantly, as shown in **Table 2.3**. Nigerians enrolled in business and management programs (31%) in higher numbers and in engineering programs (12%) in lesser numbers than other Africans. It should be mentioned that the share of business and management students was even higher in the previous survey year (43%). By contrast, over one-third of the Egyptians (35%) studied engineering while only 10% chose business and management. Proportionately more Egyptians (6%) and Kenyans (5%) studied agriculture than did other Africans. Ethiopians chose some fields not popular with students from the other African countries: above-average proportions enrolled in the health sciences (10%) and in mathematics and computer sciences (10%). They were underrepresented in engineering (14%) and business and management (18%). The fields of study chosen by South Africans also differed substantially from the regional average: relatively few were studying business and management (16%) and engineering (9%) and more were enrolled in education, in fine arts, in the humanities, and in "other" fields.

As shown in **Table 2.5**, field-of-study choices have differed over time among the various leading African countries, but certain uniformities are discernible. For all countries except South Africa, there has been a large movement away from the social sciences, with roughly one-half as many students now choosing this field. Students from most countries have also shown a decreasing demand for the physical and life sciences, albeit to a lesser degree than in the social sciences. Large increases in business have been the norm except among students from Egypt, where the proportion of engineering students is greater than from any other leading African country. Except for Egyptians, engineering has not been the growth field for Africans that it has been for students from other world regions.

Academic Level

Two out of five (39%) foreign students from Africa were studying at the graduate level, and 58% at the undergraduate level (**Table 2.6 and Figure 2.B**). Many more of the Africans were graduate students in the past, almost half of them during the 1950's (**Table 2.7**). However, a greatly increased flow of undergraduates in the latter part of the past decade changed the balance in their favor; by 1979/80, over 60% were undergraduates. This distribution held constant for several years, but in the mid 80's, due to decreasing undergraduate enrollments, the proportion of graduate students has risen again slightly.

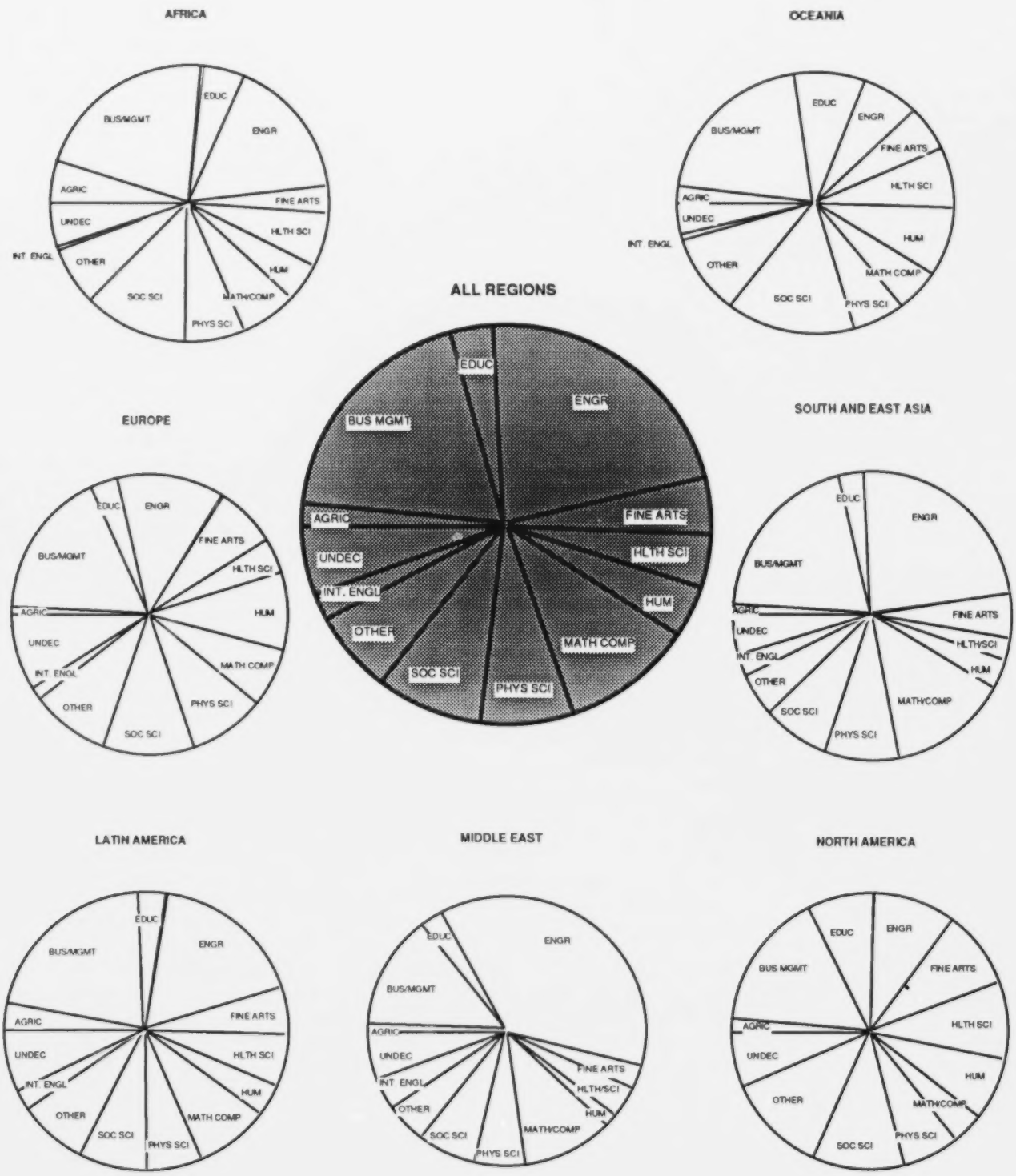
The proportions of graduate and undergraduate students coming from the countries with the most foreign students varied widely in 1985/86 (**Table 2.6**). While over two-thirds of the Nigerians (68%), Kenyans (70%), and Ethiopians (72%) were registered at the undergraduate level, fewer than a third (30%) of Egyptians and a little over one-half (54%) of South Africans were at that level.

Historical data on the flows from individual countries, presented in **Table 2.8**, show that the undergraduate and graduate distributions of Nigerians have varied substantially over the last three decades, with as many as 42% graduate students in 1970 and as few as 27% in 1980. This proportion rose to 31% in 1985/86. Egypt's proportion of graduate students, for the first time since data were collected, dropped below 70% in 1985/86. This represents a drop of 10% over the previous survey year. Similarly, the proportion of Ethiopian graduate students decreased tremendously, from about 40% during the 60's and 70's to a low of 25% in 1985/86. The distribution of South African students has remained relatively stable over the years, while that of Kenyan students has fluctuated often. Comparatively low until 1960, the share of graduate students from Kenya nearly tripled in the next decade to 43%, then declined drastically during the 1970's to about 25%, rising slightly to 28% by 1985/86.

Undergraduate Students

Undergraduate Africans constituted 5% of all foreign students in the United States in 1985/86. Slightly under three-quarters of them (73%) were men (**Table 2.9 and Figure 2.C**), the second-highest male proportion after the Middle Easterners. As with students from other world regions, their two most preferred fields of study were business and management (chosen by a relatively high 28%, but

2.A *Field of Study of Foreign Students by World Region of Origin, 1985/86*



2.3 *Field of Study of Foreign Students by World Region and Leading Place of Origin, 1985/86*

WORLD REGION/ LOCALITY	FIELD OF STUDY (percentages)													Number of Students Reported
	AGRI	BUS/ MGMT	EDUC	ENGR	FINE ARTS	HLTH SCI	HUM	MATH/ COMP	PHYS SCI	SOC SCI	OTHR	INT ENGL	UNDEC	
AFRICA[1]	**5.3**	**21.4**	**5.1**	**16.1**	**3.3**	**6.6**	**4.3**	**6.5**	**7.3**	**11.9**	**6.6**	**0.6**	**5.1**	**20,681**
Nigeria	3.6	30.6	6.5	11.9	4.1	6.1	2.4	4.5	5.0	14.3	6.8	0.1	4.0	7,785
Egypt	5.8	9.5	3.0	34.7	4.4	7.2	4.2	8.8	8.8	5.3	3.8	1.1	3.2	1,463
Ethiopia	3.2	18.1	3.9	14.3	1.3	10.3	2.7	10.2	8.8	8.3	7.2	1.9	9.7	1,066
South Africa	1.6	15.6	8.1	9.3	6.4	7.7	9.1	4.8	7.5	14.1	10.1	0.2	5.7	1,202
Kenya	5.2	26.7	4.7	10.5	2.5	7.1	4.5	7.5	7.4	10.1	7.1	0.2	6.6	1,114
EUROPE	**1.2**	**16.9**	**3.1**	**13.0**	**6.9**	**4.1**	**9.0**	**6.7**	**8.5**	**11.2**	**8.9**	**1.3**	**9.0**	**22,488**
United Kingdom	0.9	15.7	5.8	9.3	7.7	4.0	8.7	5.5	9.0	12.4	9.5	0.3	11.4	4,039
Germany, F.R.	1.2	12.5	1.8	9.2	6.7	2.9	13.9	5.4	11.2	13.3	10.3	0.4	11.2	3,119
Greece	1.3	12.8	2.4	29.1	4.4	2.5	3.4	14.1	10.7	10.7	4.7	0.5	3.4	2,557
France	1.1	22.7	1.4	12.1	5.8	3.9	12.9	4.4	6.0	9.4	7.8	2.1	10.5	2,473
Italy	1.2	14.4	1.7	7.6	7.4	3.7	10.2	6.1	9.2	16.2	9.2	4.2	9.1	1,201
LATIN AMERICA	**3.8**	**20.2**	**3.7**	**17.8**	**5.5**	**5.8**	**3.6**	**8.3**	**6.2**	**8.0**	**7.8**	**2.5**	**7.1**	**31,205**
Venezuela	3.3	20.8	2.8	26.2	6.8	2.5	1.5	12.1	4.7	6.0	6.9	2.0	4.5	4,957
Mexico	6.3	15.9	2.7	14.2	5.3	3.2	4.0	8.1	7.8	9.2	6.9	4.9	11.3	3,581
Colombia	4.1	19.5	2.7	16.8	5.9	4.9	4.4	7.4	6.0	7.3	9.6	5.5	6.2	2,678
Brazil	7.1	13.1	6.1	13.0	7.7	3.6	7.4	7.3	9.0	10.2	6.9	3.2	5.5	1,814
Trinidad & Tobago	1.2	18.7	6.0	17.0	7.9	9.3	2.1	10.7	8.2	6.8	8.4	0.1	3.4	1,554
MIDDLE EAST	**1.3**	**13.3**	**2.9**	**36.8**	**2.8**	**3.7**	**1.4**	**10.4**	**6.4**	**6.9**	**4.7**	**3.6**	**5.9**	**33,025**
Iran	1.6	5.6	2.5	34.8	2.7	7.3	1.0	12.1	12.6	6.3	4.9	2.1	6.4	8,478
Lebanon	0.8	11.9	1.3	47.6	2.5	3.8	0.8	8.5	3.2	3.2	4.0	5.6	6.7	4,529
Saudi Arabia	1.4	17.1	6.0	27.2	2.0	1.9	1.7	10.5	3.2	12.2	5.0	6.4	5.4	4,584
Jordan	0.6	14.9	2.0	44.8	2.2	2.3	2.1	10.1	3.8	5.4	3.7	1.7	6.4	4,091
Kuwait	0.5	22.4	4.4	35.2	1.2	1.5	1.0	11.2	2.4	6.3	5.1	4.9	3.9	2,450
NORTH AMERICA	**1.8**	**15.7**	**8.2**	**9.7**	**8.9**	**9.0**	**7.4**	**3.4**	**6.6**	**11.0**	**11.6**	**0.1**	**6.4**	**11,246**
Canada	1.8	15.3	8.3	9.8	9.1	9.1	7.4	3.2	6.7	11.1	11.6	0.1	6.4	10,794
OCEANIA	**2.6**	**20.1**	**6.4**	**6.6**	**5.4**	**7.5**	**8.7**	**5.3**	**5.9**	**15.3**	**9.7**	**0.4**	**4.1**	**2,532**
Pacific Is. Trust Terr.	2.1	32.1	7.6	6.4	1.6	5.8	1.3	6.6	3.6	19.9	10.1	0.4	2.5	1,068
Australia	2.1	10.3	10.1	6.1	10.0	9.5	14.5	3.3	6.5	12.7	9.9	0.2	4.9	964
SOUTH AND EAST ASIA	**1.7**	**19.5**	**2.8**	**23.7**	**4.6**	**2.6**	**3.4**	**13.3**	**8.9**	**7.4**	**5.2**	**2.1**	**4.6**	**100,988**
Taiwan	1.9	12.2	3.5	26.9	4.0	3.3	2.3	21.6	11.1	5.0	4.2	0.9	3.2	14,718
Malaysia	1.7	28.0	2.5	31.5	6.2	1.0	1.6	11.6	3.9	5.1	2.7	0.7	3.5	15,057
Korea, Rep. of	1.7	16.2	3.6	18.0	6.6	1.4	6.5	9.7	10.5	13.5	5.4	2.8	4.1	11,796
India	1.3	16.8	1.3	33.6	1.8	3.2	2.5	14.2	11.7	5.5	4.1	–	4.1	10,441
China	2.2	7.7	2.7	22.6	3.4	3.5	3.7	13.9	24.9	6.3	3.8	1.4	3.9	8,915
ALL REGIONS	**2.2**	**18.4**	**3.5**	**22.1**	**4.9**	**4.1**	**4.0**	**10.3**	**7.8**	**8.5**	**6.4**	**2.1**	**5.7**	**223,087**

[1] *The Africa regional total includes 22 students for whom no subregion of origin was specified.*

down 10% from 1983/84) and engineering (chosen by a relatively low 17%) (**Table 2.10**). Each of the other fields of study drew less than 10% of undergraduate African students.

The high proportion of African undergraduates in business and management is partially explained by the enrollment of one-third of all Nigerians in this field, at 34% the second largest proportion among all nationality groups (**Table 2.10**). However, as the overall number of Nigerian students declined in recent years, their proportion in the business and management field declined as well. In 1983/84, over 47% of Nigerian undergraduates were in that field. Curiously, with the exception of Kenya, other leading African countries were substantially underrepresented in this field. A very large share (43%) of Egyptian undergraduate students were enrolled in engineering programs, nearly three times the average for Africa as a whole.

Graduate Students

About 4% of the foreign student body in 1985/86 was comprised of African graduate students. Over eighty percent of them (83%) were men (**Table 2.9 and Figure 2.C**); thus, of all regional groups except the Middle Easterners, Africans had the lowest proportion of women at the graduate level. African graduate students were more dispersed among fields of study (**Table 2.10**) than were undergraduates. Engineering was the most frequently chosen field, attracting about equal proportions of graduate (17%) and undergraduate students (17%). The social sciences was the second most popular field, enrolling 15% of African graduate students. Business and management was chosen by only 12% of graduate students, compared to 28% of undergraduates. African graduate students also enrolled in substantial proportions in agriculture (at 9% the highest proportion of any region except Latin America), and in the physical and life sciences (10%) and education (7%).

Field-of-study distribution of students from the leading African countries varied substantially, as can be seen in **Table 2.10**. Proportionately, almost twice as many Nigerian as other African graduate students majored in business and management (23%), and an above-average proportion of Nigerians studied education. Nigerians were relatively underrepresented in engineering, the physical and life sciences, and agriculture. Kenyans were enrolled in significantly above average proportions in business and management (20%) and agriculture (10%) and, to a lesser degree, the humanities (10%), and in below average proportions (6%) in engineering, while Egyptians again favored engineering (32%) and the physical and life sciences (12%). Ethiopians favored the physical and life sciences (13%), while South Africans chose business and management (10%) and engineering (9%) less often and, the humanities (15%) and education (11%), more often than other African graduate students.

Gender

Over three-quarters (77%) of African students in the U.S. in 1985/86 were men (**Table 2.11 and Figure 2.D**). Students from the leading country of Nigeria closely matched these proportions, while the proportion of Egyptian students who were men (85%) was higher than the overall African average. Interestingly, Kenya and especially Ethiopia sent comparatively high proportions of women (32% and 40%, respectively).

EUROPEAN STUDENTS

About 10% of the foreign student population in the United States consisted of Europeans in 1985/86, almost all coming from Western Europe (**Table 2.1**). The proportion of Europeans was twice as high in 1949/50 (21%) but declined steadily during the 1950's reaching 13% by the end of the decade (**Table 2.2**). A relatively small increase in the number of incoming Europeans and a virtual explosion in student numbers from other world regions during the 70's brought the European share down to 8% of all foreign students by 1979/80. Since then it has been inching back, climbing to 10% by 1985/86.

Field of Study

Business and management was the leading field of study for European students in 1985/86, being selected by 17%. Engineering was the second most popular field, with 13%, and the social sciences was the third, with 11% (**Table 2.3 and Figure 2.A**). The field-of-study choices of Europeans differed from those of other regional groups: thus, a much higher proportion of Europeans than of foreign students overall (9% and 4% respectively) enrolled in the humanities. Only 13% of the European students majored in engineering, compared to 22% of the total foreign student population. Europeans, further, showed lower-than-average interest in mathematics and computer sciences.

Historical comparison (**Table 2.4**) shows that European enrollments in business and management have increased steadily since 1960, doubling to 14% in 1980 and climbing to 19% in 1983/84, but they have fallen to 17% in the most recent survey year. Demand for the humanities and the social sciences has declined over the last two decades, but

2.4 *Field of Study of Foreign Students by World Region of Origin, Selected Years, 1949/50-1985/86*

WORLD REGION/ YEAR	FIELD OF STUDY (percentages)													Number of Students Reported
	AGRI	BUS/ MGMT	EDUC	ENGR	FINE ARTS	HLTH SCI	HUM	MATH/ COMP	PHYS SCI	SOC SCI	OTHR[1]	INT ENGL	UNDEC	
Africa														
1949/50	11.0	4.4	7.6	14.9	2.1	10.5	8.6	–	10.1	9.7	21.1	–	–	525
1959/60	5.0	7.6	8.0	13.7	4.1	9.2	8.5	1.5	13.7	18.8	5.3	–	4.6	1,959
1969/70	4.7	11.7	6.3	16.0	3.1	6.4	6.3	2.2	13.5	19.4	5.4	–	5.0	7,607
1979/80	6.4	19.1	5.7	19.8	3.4	5.6	3.9	2.9	9.2	12.1	6.0	0.6	5.3	19,401
1985/86	5.3	21.4	5.1	16.1	3.3	6.6	4.3	6.5	7.3	11.9	6.6	0.6	5.1	20,681
Europe														
1949/50	2.0	7.4	4.2	15.4	4.5	7.4	14.8	–	8.0	12.3	24.0	–	–	3,286
1959/60	2.5	7.7	3.5	17.9	5.1	7.3	16.2	2.2	12.9	13.7	7.8	–	3.2	6,392
1969/70	1.6	12.2	4.4	15.8	5.6	3.4	17.5	2.5	10.1	13.4	7.6	–	5.9	18,524
1979/80	1.6	14.0	3.9	14.8	6.1	4.1	11.1	4.1	9.4	11.7	7.8	1.2	10.2	12,702
1985/86	1.2	16.9	3.1	13.0	6.9	4.1	9.0	6.7	8.5	11.2	8.9	1.3	9.0	22,488
Latin America														
1949/50	3.8	12.6	3.6	26.4	4.8	9.4	10.1	–	5.0	4.4	19.9	–	–	3,875
1959/60	5.2	9.1	4.3	26.7	4.9	7.8	12.5	1.0	8.4	7.0	8.8	–	4.3	9,428
1969/70	3.8	12.6	4.2	17.4	4.0	5.8	13.3	2.0	8.7	11.6	11.4	–	5.2	24,991
1979/80	6.2	14.4	5.1	20.1	4.3	3.8	5.3	3.2	8.0	8.3	6.7	6.8	7.8	22,291
1985/86	3.8	20.2	3.7	17.6	5.5	5.8	3.6	8.3	6.2	8.0	7.8	2.5	7.1	31,205
Middle East														
1949/50	5.6	5.9	3.7	32.1	4.8	11.0	6.9	–	6.0	9.0	15.0	–	–	1,803
1959/60	4.4	5.7	4.0	38.8	5.3	6.8	3.8	1.8	10.8	9.7	5.3	–	3.6	6,477
1969/70	2.1	9.2	3.1	36.4	4.9	3.5	5.6	3.2	10.6	12.1	4.5	–	4.8	13,278
1979/80	1.2	12.4	3.1	42.4	3.7	2.6	2.0	5.2	6.1	6.9	5.6	2.5	6.3	41,711
1985/86	1.3	13.3	2.9	36.8	2.8	3.7	1.4	10.4	6.4	6.9	4.7	3.6	5.9	33,025
North America														
1949/50	4.2	7.4	6.9	10.6	5.2	13.0	16.2	–	9.6	8.0	18.9	–	–	4,362
1959/60	1.7	10.8	8.4	16.3	5.6	8.8	16.1	1.7	11.1	10.8	7.1	–	1.6	5,761
1969/70	2.3	11.5	15.5	8.2	7.0	4.6	10.8	2.0	9.3	15.6	8.8	–	4.4	13,415
1979/80	2.0	12.5	12.8	7.5	9.8	6.6	10.8	1.8	5.8	10.7	10.0	0.2	9.5	8,698
1985/86	1.8	15.7	8.2	9.7	8.9	9.0	7.4	3.4	6.6	11.0	11.6	0.1	6.4	11,246
Oceania														
1949/50	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1959/60	5.1	7.2	8.1	9.3	5.3	11.3	15.7	1.6	17.2	13.4	4.8	–	1.0	568
1969/70	3.4	10.3	16.6	7.6	5.5	5.3	9.0	3.3	11.5	15.2	7.3	–	5.0	2,077
1979/80	3.2	16.1	14.6	5.0	4.1	7.6	8.5	2.7	6.8	13.9	10.7	–	6.8	2,489
1985/86	2.6	20.1	8.4	6.6	5.4	7.5	8.7	5.3	5.9	15.3	9.7	0.4	4.1	2,532
South & East Asia														
1949/50	4.5	7.0	7.0	23.0	4.1	5.5	8.9	–	9.5	10.8	19.7	–	–	6,218
1959/60	2.5	8.9	5.1	21.4	4.8	7.1	7.9	3.0	16.5	14.0	6.1	–	2.7	17,808
1969/70	2.7	11.1	4.3	28.5	4.1	4.0	6.0	4.9	17.5	9.4	3.9	–	3.6	51,033
1979/80	2.1	20.0	3.7	20.9	4.3	3.6	5.1	7.2	10.8	8.8	6.0	1.6	5.9	42,405
1985/86	1.7	19.5	2.8	23.7	4.8	2.6	3.4	13.3	8.9	7.4	5.2	2.1	4.6	100,988
ALL REGIONS														
1949/50	4.3	8.3	5.3	19.5	4.4	9.3	11.9	–	7.9	8.7	20.4	–	–	26,433
1959/60	3.3	8.5	5.1	23.3	5.0	7.6	10.4	2.1	12.9	11.9	6.8	–	3.1	48,486
1969/70	2.7	11.5	5.8	22.0	4.7	4.4	9.4	3.3	12.6	11.7	7.1	–	4.8	134,959
1979/80	3.0	15.9	4.8	25.0	4.5	3.9	5.0	4.8	8.3	9.1	6.5	2.4	6.8	150,878
1985/86	2.2	18.4	3.5	22.1	4.9	4.1	4.0	10.3	7.8	8.5	6.4	2.1	5.7	223,087

[1] *Fields of study in this category were not specified in 1949/50.*
– *No students were reported in this category.*

European proportions in engineering and the physical and life sciences have remained fairly constant during the 70's and 80's.

Field-of-study choices varied from country to country in 1985/86, with Greece being the most atypical. As indicated in **Table 2.3**, Greek students were heavily concentrated in both engineering (29%) and mathematics and computer sciences (14%), choosing these fields twice as often as Europeans overall. On the other hand, Greece had the lowest percentages of its students in fine arts, the humanities, and the health sciences (4%, 3%, 3%, respectively). The Federal Republic of Germany led in both the humanities (14%) and the physical sciences (11%), while France led in business and management (23%). The smallest proportion of engineering students were Italian (8%), but the largest proportion of social science students (16%) came from that country. European students are also more often "undecided" about their major field of study (9%) than students from other regions.

Students from all leading European countries have chosen business and management and mathematics and computer science programs in increasingly larger percentages since 1949/50, while proportionately fewer have selected the social sciences (**Table 2.5**). The British and Greeks have selected the health sciences less often and the British selected education more often than in the past. The preference of Greek students for engineering has risen by 15 percentage points since 1950, jumping rapidly in the 50's and climbing more slowly since then, while Greek demand for the humanities has plunged. The proportion of West German enrollment in the physical and life sciences has risen, while the proportion of Italians enrolled in engineering has dropped.

Academic Level

A relatively high percentage of European students (42%) studied at the graduate level in 1985/86, a percentage higher than any other regional group's except South and East Asians (47%), (**Table 2.6 and Figure 2.B**). Just over half (51%) of the Europeans were undergraduate students, and another relatively large group (7%) enrolled in non-degree, Intensive English Language, and technical training programs.

The proportion of students from Europe who studied at the graduate level has been consistently high over the last 30 years. From 43% in the mid 50's, it climbed to a peak of 49% in 1969/70, and returned to its former level (42%) by 1985/86 (**Table 2.7**). In 1985/86, maintaining a trend begun the prior survey year, more than half of Europeans (51%) were undergraduates. This is explained partly by a decline in the numbers of graduate students and partly by a decline in the numbers enrolled in "other" programs.

Country analyses presented in **Table 2.6** show that the Federal Republic of Germany (48%), Greece (49%), Italy (48%), and France (46%) sent proportionately more graduate students than Europe overall, and that the United Kingdom (38%) sent fewer.

The distributions of students from the leading European countries according to academic level have not been consistent over time (**Table 2.8**). The ratio of undergraduate to graduate British students has climbed steadily; from 28% in 1954/55, undergraduate enrollments rose to 55% in 1985/86, while graduate proportions fell from 61% to 38%. The opposite is true for Greek students. Fewer than 30% of them were enrolled in graduate programs prior to 1960, but ten years later, the proportion had climbed to 40%, and since 1980, it has jumped to nearly 50%. West German undergraduate enrollments have risen since the late 70's, but graduate proportions returned to the upper 40th percentiles after a sharp drop in the late 70's. The percentage of French graduate students rose from 47% in 1954/55 to 64% by 1970, but since then has again dropped to 46%. The reverse occurred in Italian graduate enrollments, which declined by 10% from 1955 to 1970, falling to 33%. Since then, however, they rose substantially, to a record 48% in the last survey year.

Undergraduate Students

Six out of every ten (61%) European undergraduate students in 1985/86 were men (**Table 2.9 and Figure 2.C**). Most of these undergraduates studied business and management (22%) and engineering (13%), a common pattern (**Table 2.10**). Much smaller proportions were enrolled in each of the other fields of study, and a relatively large percentage did not have a declared major (12%) .

Certain differences can be observed in the country-by-country field-of-study distributions of European undergraduate students. Undergraduates from the United Kingdom selected education more often than others. Twice as many Greek undergraduates studied engineering as did any other European group (28%), and much higher-than-average shares of Greeks chose mathematics and computer sciences (17%, compared to the European average of 7%) and physical and life sciences (9%). By contrast, lower-than-average proportions chose business and management (16%). Undergraduates from the Federal Republic of Germany and France were overrepresented in the humanities (7% and 6%, respectively compared to the regional average of

2.5 *Field of Study of Foreign Students by Leading Place Within World Region of Origin, Selected Years, 1949/50 - 1985/86*

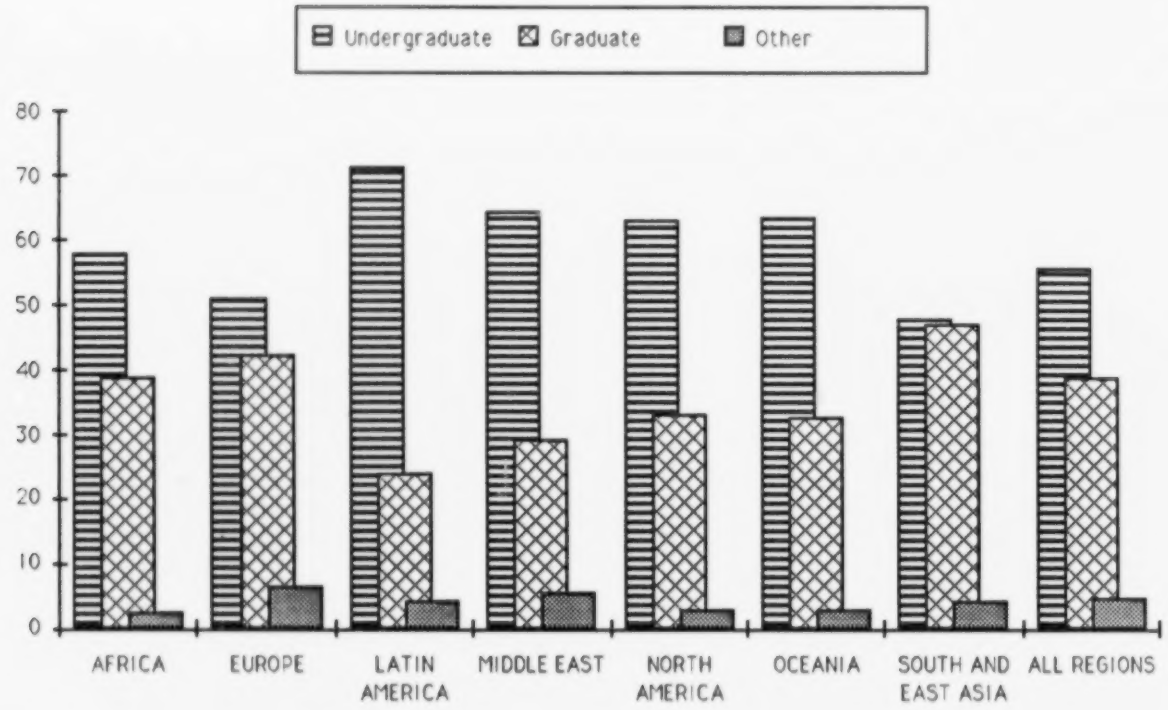
REGION PLACE/YEAR		FIELD OF STUDY (Percentages)													Students Reported
		AGRI	BUS/ MGMT	EDUC	ENGR	FINE ARTS	HLTH SCI	HUM	MATH/ COMP	PHYS SCI	SOC SCI	OTHR[1]	INT ENGL	UNDEC	
AFRICA															
Nigeria	1949/50	2.3	3.4	11.4	8.5	0.6	17.6	20.4	...	9.1	10.2	16.5	...	...	176
	1959/60	3.9	3.5	8.5	10.8	2.7	13.5	3.9	1.2	15.9	24.0	4.7	...	7.4	258
	1969/70	4.7	14.4	7.0	13.1	3.1	9.7	4.7	1.9	14.9	18.4	4.4	...	3.7	1,851
	1979/80	7.2	22.3	6.6	18.3	5.1	6.9	2.1	1.7	9.0	9.9	6.1	–	4.3	8,353
	1985/86	3.6	30.6	6.5	11.9	4.1	6.1	2.4	4.5	5.0	14.3	6.8	0.1	4.0	7,785
Egypt	1949/50	15.5	4.9	5.7	18.0	2.9	6.9	2.6	...	10.6	9.4	23.5	...	...	349
	1959/60	2.2	9.8	11.0	16.5	4.3	8.2	8.2	2.0	15.5	13.3	4.9	...	4.1	490
	1969/70	4.8	7.7	2.0	30.9	3.0	5.2	8.1	3.4	16.3	11.8	2.9	...	3.9	1,015
	1979/80	4.4	13.6	8.1	27.7	2.7	4.3	4.1	6.1	12.5	6.7	5.2	0.5	4.1	930
	1985/86	5.8	9.5	3.0	34.7	4.4	7.2	4.2	8.8	8.8	5.3	3.8	1.1	3.2	1,463
Ethiopia	1949/50	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1959/60	2.9	12.3	11.8	17.1	5.9	...	10.0	6.5	10.6	18.8	4.1	...	...	170
	1969/70	7.0	15.6	7.0	15.2	3.1	5.7	2.2	0.4	7.8	23.2	9.1	...	3.7	540
	1979/80	5.6	12.8	3.0	13.1	2.1	5.9	4.4	4.7	13.1	19.9	6.5	–	8.9	697
	1985/86	3.2	18.1	3.9	14.3	1.3	10.3	2.7	10.2	8.8	8.3	7.2	1.9	9.7	1,066
South Africa	1949/50	5.8	6.5	3.2	12.3	3.9	16.1	29.7	1.3	11.6	8.0	1.9	...	...	155
	1959/60	5.5	6.6	3.3	9.9	8.3	12.7	21.0	2.7	14.9	13.3	–	...	1.7	181
	1969/70	1.7	12.7	6.3	13.1	5.0	5.7	12.5	3.7	12.7	12.9	6.1	...	7.4	457
	1979/80	2.2	14.3	6.4	10.4	7.1	8.8	13.0	2.5	6.4	16.3	7.9	–	7.4	645
	1985/86	1.6	15.6	8.1	9.3	6.4	7.7	9.1	4.8	7.5	14.1	10.1	0.2	5.7	1,202
Kenya	1949/50	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1959/60	1.3	8.3	4.5	8.3	1.3	7.7	4.5	1.3	14.1	39.7	3.9	...	5.1	156
	1969/70	5.7	12.2	6.3	7.7	1.6	5.1	4.9	2.2	13.8	27.3	8.3	...	4.9	492
	1979/80	6.2	24.9	8.2	6.1	1.7	5.0	6.7	1.6	9.8	16.3	7.0	–	6.5	1,086
	1985/86	5.2	26.7	4.7	10.5	2.5	7.1	4.5	7.5	7.4	10.1	7.1	0.2	6.6	1,114
EUROPE															
United Kingdom	1949/50	1.1	6.3	2.8	14.6	5.6	13.5	13.5	...	10.6	9.8	22.2	...	...	829
	1959/60	2.6	6.5	2.9	9.8	4.1	12.4	15.7	2.2	17.9	17.3	5.5	...	3.1	993
	1969/70	1.6	12.7	6.9	11.4	6.7	3.5	12.2	2.3	12.0	15.8	7.7	...	7.2	4,216
	1979/80	1.7	14.2	6.0	10.6	7.3	4.6	10.5	3.8	10.1	12.9	8.5	–	9.8	2,572
	1985/86	0.9	15.7	5.8	9.3	7.7	4.0	8.7	5.5	9.0	12.4	9.5	0.3	11.4	4,039
Germany, F.R.	1949/50	1.3	3.7	7.5	4.8	4.2	4.3	19.9	...	7.2	21.0	26.1	...	...	671
	1959/60	1.9	5.5	2.1	10.6	5.5	5.8	26.3	1.7	11.7	15.6	10.0	...	3.3	720
	1969/70	1.3	9.3	4.0	11.0	5.2	3.5	25.1	1.9	8.7	14.2	9.0	...	6.8	2,634
	1979/80	0.8	10.4	3.1	8.3	5.9	3.6	17.0	5.4	9.9	13.1	10.7	1.2	10.6	1,731
	1985/86	1.2	12.5	1.8	9.2	6.7	2.9	13.9	5.4	11.2	13.3	10.3	0.4	11.2	3,119
Greece	1949/50	1.5	7.6	3.3	19.5	3.9	8.7	13.0	...	10.2	10.8	21.5	...	...	461
	1959/60	1.9	6.1	5.2	29.9	4.2	4.8	7.5	3.3	14.5	12.0	6.9	...	3.7	1,095
	1969/70	1.2	6.2	2.3	31.8	5.1	2.2	10.3	3.8	13.1	12.3	6.7	...	5.0	1,811
	1979/80	1.3	12.8	2.3	32.7	4.2	2.0	4.7	5.4	11.8	10.8	5.2	1.3	5.5	1,623
	1985/86	1.3	12.8	2.4	29.1	4.4	2.5	3.4	14.1	10.7	10.7	4.7	0.5	3.4	2,557
France	1949/50	1.6	8.5	3.2	11.5	2.6	4.9	16.0	...	6.7	13.4	31.6	...	...	506
	1959/60	1.4	13.3	1.8	18.2	3.8	7.3	18.9	2.3	13.5	10.1	7.5	...	1.9	572
	1969/70	0.9	17.7	1.9	17.1	4.3	2.0	25.6	1.8	7.3	10.8	5.5	...	5.1	1,977
	1979/80	0.9	17.8	1.1	17.6	6.4	6.7	16.5	2.5	5.5	8.4	6.0	1.8	8.8	1,255
	1985/86	1.1	22.7	1.4	12.1	5.8	3.9	12.9	4.4	6.0	9.4	7.8	2.1	10.5	2,473
Italy	1949/50	1.1	6.6	5.4	13.1	5.4	6.6	13.9	...	8.1	11.6	28.2	...	...	259
	1959/60	1.6	10.6	7.2	14.4	5.9	2.9	18.5	1.8	13.1	14.7	7.0	...	2.3	443
	1969/70	0.5	10.9	3.6	15.7	4.4	2.3	24.8	2.5	8.9	13.4	7.9	...	5.1	1,174
	1979/80	1.4	14.1	1.2	10.9	6.2	2.5	16.7	4.5	9.6	14.6	5.4	2.2	10.7	645
	1985/86	1.2	14.4	1.7	7.6	7.4	3.7	10.2	6.1	9.2	16.2	9.2	4.2	9.1	1,201
LATIN AMERICA															
Venezuela	1949/50	5.6	9.2	7.9	30.9	3.6	9.9	4.0	...	4.9	2.5	21.5	...	...	446
	1959/60	3.2	9.1	1.3	47.0	4.5	2.9	4.4	0.6	8.5	8.0	7.7	...	2.8	1,126
	1969/70	6.0	14.2	1.8	29.1	4.6	3.8	13.8	1.4	9.2	7.8	4.8	...	3.5	1,722
	1979/80	7.3	10.8	4.4	30.4	4.0	1.2	4.6	3.5	7.6	4.0	5.3	7.9	9.0	5,127
	1985/86	3.3	20.8	2.8	26.2	6.8	2.5	1.5	12.1	4.7	6.0	6.9	2.0	4.5	4,957
Mexico	1949/50	5.0	9.6	1.9	23.8	3.9	5.7	16.4	...	5.1	3.3	25.3	...	...	825
	1959/60	5.8	9.7	2.3	16.8	4.7	3.1	37.6	0.7	7.5	3.9	6.1	...	1.8	1,356
	1969/70	3.9	15.3	4.2	16.9	5.1	4.7	15.2	3.6	7.7	10.9	7.2	...	5.3	2,501
	1979/80	5.8	10.7	4.2	16.0	4.0	2.9	3.6	3.6	7.4	8.1	7.1	20.0	6.6	3,642
	1985/86	6.3	15.9	2.7	14.2	5.3	3.2	4.0	8.1	7.8	9.2	6.9	2.0	4.5	4,957
Colombia	1949/50	4.1	10.8	0.9	33.2	9.8	6.6	5.3	...	4.8	4.6	19.9	...	...	582
	1959/60	7.3	8.3	1.6	38.8	4.5	9.2	6.4	0.6	7.4	7.7	6.0	...	2.2	687
	1969/70	6.9	11.8	4.4	21.0	3.5	3.5	16.0	1.9	9.0	12.8	4.1	...	5.1	2,045
	1979/80	6.5	17.1	3.8	19.7	3.7	3.3	5.1	3.7	6.9	8.7	6.4	5.5	96.0	1,446
	1985/86	4.1	19.5	2.7	16.8	5.9	4.9	4.4	7.4	6.0	7.3	9.6	5.5	6.2	2,678
Brazil	1949/50	3.8	8.0	3.5	33.8	5.2	6.2	9.2	...	6.6	7.6	16.1	...	...	423
	1959/60	1.1	8.2	11.6	21.1	5.1	8.7	12.0	1.1	9.9	10.8	4.7	...	5.7	473
	1969/70	6.6	10.1	4.9	19.0	4.6	3.0	13.1	3.4	10.5	16.2	4.7	...	3.9	1,349
	1979/80	10.4	11.5	6.6	15.5	6.2	3.0	7.7	3.7	9.9	10.8	6.0	1.6	7.1	1,591
	1985/86	7.1	13.1	6.1	13.0	7.7	3.6	7.4	7.3	9.0	10.2	6.9	3.2	5.5	1,814
Trinidad & Tobago	1949/50	...	7.2	2.4	12.0	2.4	36.3	8.0	...	14.5	5.6	11.2	...	...	124
	1959/60	2.0	6.7	4.7	12.5	2.0	15.7	11.0	0.4	13.7	6.3	7.8	...	17.3	255
	1969/70	1.3	13.0	5.9	11.7	3.1	8.2	9.6	2.1	13.9	3.1	7.6	...	4.6	780
	1979/80	1.7	17.6	6.9	12.7	5.2	7.3	4.6	2.7	13.7	13.9	7.8	–	5.9	591
	1985/86	1.2	18.7	6.0	17.0	7.0	9.3	2.1	10.7	8.2	6.8	8.4	0.1	3.4	1,554

2.5 *(continued)*

REGION PLACE/YEAR		FIELD OF STUDY (Percentages)													Students Reported
		AGRI	BUS/ MGMT	EDUC	ENGR	FINE ARTS	HLTH SCI	HUM	MATH/ COMP	PHYS SCI	SOC SCI	OTHR[1]	INT ENGL	UNDEC	
MIDDLE EAST															
Iran	1949/50	3.0	8.1	3.2	18.9	4.0	20.0	11.4	...	5.4	10.7	15.3	...	...	570
	1959/60	5.9	3.6	2.9	43.9	6.3	9.2	3.0	1.4	9.6	5.8	4.6	...	3.8	2,507
	1969/70	1.9	6.9	1.9	44.7	4.6	3.0	4.8	3.3	10.5	9.3	3.5	...	5.6	5,175
	1979/80	1.2	11.5	2.5	44.7	4.3	2.5	1.5	5.9	6.6	5.8	5.7	1.3	6.5	25,526
	1985/86	1.6	5.6	2.5	34.8	2.7	7.3	1.0	12.1	12.6	6.3	4.9	2.1	6.4	8,478
Lebanon	1949/50	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1959/60	1.0	6.1	3.1	45.4	3.9	5.8	2.9	[illegible]	11.7	8.6	5.9	...	3.4	590
	1969/70	0.9	9.7	2.2	41.8	4.6	6.3	4.7	3.7	9.6	8.7	4.2	...	3.6	1,020
	1979/80	0.8	11.9	0.7	52.1	3.1	3.6	1.3	4.0	4.6	2.7	5.9	4.3	5.0	3,097
	1985/86	0.8	11.9	1.3	47.6	2.5	3.8	0.8	8.5	3.2	3.2	4.0	5.6	6.7	4,529
Saudi Arabia	1949/50	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1959/60	4.3	15.1	1.1	20.4	2.1	6.5	1.1	...	7.5	23.7	16.1	...	2.1	93
	1969/70	1.3	12.8	2.9	31.9	3.1	1.2	3.2	3.1	7.7	18.5	7.3	...	7.0	1,029
	1979/80	1.2	14.5	7.4	30.0	2.1	2.8	2.0	3.9	4.2	12.9	5.6	6.6	6.8	4,795
	1985/86	1.4	17.1	6.0	27.2	2.0	1.9	1.7	10.5	3.2	12.2	5.0	6.4	5.4	4,584
Jordan	1949/50	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1959/60	2.9	6.6	3.4	33.4	2.0	7.7	2.0	2.5	16.4	16.4	4.0	...	2.7	556
	1969/70	1.2	11.8	4.2	33.2	1.9	4.5	5.9	3.9	114.0	12.4	6.2	...	3.4	909
	1979/80	0.4	10.4	2.8	50.8	2.0	1.7	2.6	4.8	4.2	5.1	4.7	4.6	5.9	2,236
	1985/86	0.6	14.9	2.0	44.8	2.2	2.3	2.1	10.1	3.8	5.4	3.7	1.7	6.4	4,091
Kuwait	1949/50	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	1959/60	–	–	2.0	69.5	4.1	2.0	14.3	–	2.0	2.0	4.1	...	–	49
	1969/70	1.2	6.9	2.2	45.4	5.6	3.8	1.6	4.7	10.7	12.2	3.8	...	1.9	319
	1979/80	0.4	16.3	4.1	46.6	1.9	1.7	2.4	3.5	3.3	5.7	6.1	3.6	4.4	1,383
	1985/86	0.5	22.4	4.4	35.2	1.2	1.5	1.0	11.2	2.4	6.3	5.1	4.9	3.9	2,450
NORTH AMERICA															
Canada	1949/50	4.2	7.4	6.9	10.6	5.2	13.0	16.2	...	9.6	8.0	18.9	...	...	4,362
	1959/60	1.7	10.8	8.3	16.4	5.6	8.9	16.2	1.7	11.1	10.9	6.9	...	1.5	5,679
	1969/70	2.4	11.4	15.5	8.3	6.9	4.6	10.8	2.0	9.3	15.6	8.9	...	4.3	13,318
	1979/80	2.0	12.1	12.7	7.6	10.0	6.6	11.0	1.7	5.8	10.7	10.0	0.2	9.6	8,434
	1985/86	1.8	15.3	8.3	9.8	9.1	9.1	7.4	3.2	6.7	11.1	11.6	0.1	6.4	10,794
OCEANIA															
Australia	1949/50	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1959/60	6.8	6.5	6.5	12.5	5.7	7.4	16.9	1.6	17.2	14.2	3.6	...	1.1	367
	1969/70	4.1	9.2	13.0	9.0	7.1	4.4	11.7	3.1	11.6	16.2	6.0	...	4.6	1,077
	1979/80	2.7	9.2	15.2	5.6	8.1	6.2	15.2	3.4	11.0	11.7	6.2	–	5.5	913
	1985/86	2.1	10.3	10.1	6.1	10.0	9.5	14.5	3.3	6.5	12.7	9.9	0.2	4.9	964
Pacific Is. Trust Terr.	1949/50	7.1	7.1	14.3	7.1	–	35.7	–	–	–	29.6	–	...	...	14
	1959/60	2.6	21.1	25.0	2.6	–	5.3	13.2	3.6	2.6	36.8	7.9	...	2.6	38
	1969/70	0.3	11.7	24.5	6.1	2.1	12.0	2.8	1.8	5.2	16.9	12.6	...	4.0	326
	1979/80	2.9	23.1	15.4	4.7	1.0	8.0	1.5	1.4	3.0	15.4	14.9	–	8.5	1,192
	1985/86	2.1	32.1	7.6	6.4	1.6	5.8	1.3	6.6	3.6	19.9	10.1	0.4	2.5	1,068
SOUTH AND EAST ASIA															
Taiwan	1949/50	3.9	6.9	6.8	21.9	4.0	4.7	8.5	...	10.9	12.0	20.4	...	...	3,637
	1959/60	1.4	4.9	3.7	27.8	5.4	6.6	6.5	4.4	21.6	8.2	6.7	...	2.8	4,546
	1969/70	3.2	6.6	3.6	28.9	2.9	2.5	4.9	8.7	25.0	6.2	3.8	...	3.7	12,029
	1979/80	2.0	16.7	3.3	26.9	3.4	2.7	3.2	12.0	15.3	6.8	4.8	0.4	2.5	9,099
	1985/86	1.9	12.2	3.5	26.9	4.0	3.3	2.3	21.6	11.1	5.0	4.2	0.9	3.2	14,718
Malaysia	1949/50	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1959/60	1.3	7.3	6.0	15.4	9.4	12.8	11.1	3.8	16.7	9.4	5.1	...	1.7	234
	1969/70	8.1	11.2	5.6	13.6	3.5	5.6	6.0	4.4	19.9	15.5	4.4	...	2.2	663
	1979/80	6.2	21.6	6.6	13.3	2.7	2.1	3.1	10.0	13.9	6.7	6.9	0.2	6.7	2,358
	1985/86	1.7	28.0	2.5	31.5	6.2	1.0	1.6	11.6	3.9	5.1	2.7	0.7	3.5	15,057
Korea, Rep. of	1949/50	2.7	3.5	6.6	8.1	7.0	8.1	19.4	...	6.6	17.5	20.5	...	...	258
	1959/60	1.2	9.7	3.9	14.4	6.3	6.2	11.4	2.5	13.8	28.0	2.6	...	...	2,474
	1969/70	2.0	10.8	3.9	20.7	7.2	3.1	10.7	5.2	15.0	14.3	3.9	...	3.2	3,991
	1979/80	1.7	15.5	2.9	17.5	8.5	2.2	10.1	5.2	10.8	13.8	5.0	1.4	5.4	2,633
	1985/86	1.7	16.2	3.6	18.0	6.6	1.4	6.5	9.7	10.5	13.5	5.4	2.8	4.1	11,796
India	1949/50	8.1	5.9	4.8	36.5	2.6	5.4	4.9	...	8.0	6.0	17.8	...	...	1,359
	1959/60	4.4	8.4	3.4	34.1	1.7	6.0	4.2	3.3	19.6	9.1	3.1	...	2.7	3,772
	1969/70	2.8	7.1	2.5	48.8	1.6	2.2	3.6	3.3	17.4	5.8	2.0	...	2.9	11,327
	1979/80	1.6	20.5	2.1	30.7	1.7	3.0	4.1	6.6	16.3	6.5	1.0	–	2.9	5,073
	1985/86	1.3	16.8	1.3	33.6	1.8	3.2	2.5	14.2	11.7	5.5	4.1	–	4.1	10,441
China	1949/50	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	1959/60	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	1969/70	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	1979/80	7.3	10.9	5.3	12.7	3.2	4.4	5.6	9.1	16.5	6.5	3.5	8.6	6.2	339
	1985/86	2.2	7.7	2.7	22.6	3.4	3.5	3.7	13.9	24.9	6.3	3.8	1.4	3.9	8,915

[1] *Fields of study in this category were not specified in 1949/50.*
– No students were reported in this category.
... Data are not available for this category.

2.B *Academic Level of Foreign Students by World Region of Origin, 1985/86*



5%) and considerably underrepresented in engineering (9% and 8%). A relatively large group of French undergraduates (29%) majored in business and management, while Italians chose the social sciences (14%) more often than other Europeans.

Graduate Students

As with most other regions, proportionately fewer European women studied at the graduate than at the undergraduate level: 32% compared to 39% (**Table 2.9 and Figure 2.C**). The field-of-study choices of graduate European students show both similarities with and differences from the undergraduates' choices (**Table 2.10**). For instance, 14% of European graduate students and a comparable 13% of undergraduates studied engineering in 1985/86. However, while roughly 14% of the graduate students selected the next most preferred fields (the humanities and the social sciences), only 5% and 9% respectively of the undergraduate students were majoring in these fields. Business and management attracted 13% of European graduate students, nearly half the proportion of undergraduates in this field (22%).

Examination of country-by-country field-of-study distributions of European graduate students, presented in **Table 2.10**, show that the British were well represented in the social sciences (17%) and poorly represented in engineering (10%). The choices of Italians were similar (20% and 8% respectively). Graduate students from Greece selected engineering twice as often as other Europeans (33%) and humanities only one-fourth as frequently (4%). French students chose business and management (21%) and engineering (16%) in higher-than-average proportions and the physical and life sciences (9%) in lower proportions than the European averages for those fields. A relatively very high percentage of West German students (22%), the highest of all leading countries worldwide, studied the humanities.

2.6 *Academic Level of Foreign Students by World Region and Leading Place of Origin, 1985/86*

WORLD REGION/ LOCALITY	ACADEMIC LEVEL			Students Reported
	Under-graduate	Graduate	Other	
AFRICA	**58.1**	**39.1**	**2.8**	**20,357**
Nigeria	67.5	30.5	2.0	7,499
Egypt	29.9	66.4	3.8	1,457
Ethiopia	71.8	24.6	3.6	1,080
South Africa	53.6	43.7	2.8	1,198
Kenya	69.9	28.3	1.8	1,105
EUROPE	**51.0**	**42.3**	**6.7**	**22,460**
United Kingdom	54.5	37.9	7.6	4,022
Germany, F.R.	43.2	48.1	8.7	3,148
Greece	48.6	49.3	2.0	2,550
France	44.2	46.4	9.3	2,471
Italy	43.8	47.6	8.6	1,227
LATIN AMERICA	**71.5**	**24.0**	**4.5**	**31,220**
Venezuela	78.8	17.1	4.1	4,939
Mexico	58.2	35.1	6.7	3,616
Colombia	66.2	25.3	8.5	2,677
Brazil	38.1	55.5	6.4	1,849
Trinidad & Tobago	79.5	19.3	1.2	1,514
MIDDLE EAST	**64.7**	**29.3**	**6.0**	**32,859**
Iran	55.8	38.8	5.4	8,356
Lebanon	71.7	20.9	7.5	4,464
Saudi Arabia	60.6	30.5	8.9	4,596
Jordan	75.8	20.2	4.0	4,095
Kuwait	75.1	18.0	6.9	2,445
NORTH AMERICA	**63.3**	**33.4**	**3.3**	**11,225**
Canada	62.4	34.4	3.3	10,774
OCEANIA	**64.0**	**32.9**	**3.1**	**2,669**
Australia	34.9	60.1	5.0	975
Pacific Is. Trust Terr.	94.7	3.9	1.4	1,169
SOUTH AND EAST ASIA	**48.0**	**47.4**	**4.6**	**99,720**
Taiwan	19.0	77.5	3.5	14,379
Malaysia	83.6	14.5	1.9	14,841
Korea, Rep. of	27.4	67.8	4.8	11,496
India	24.8	71.8	3.4	10,177
China	22.5	73.6	3.9	8,858
ALL REGIONS	**56.0**	**39.1**	**4.9**	**221,688**

Gender

Women constituted more than a third (36%) of European foreign students in 1985/86 (**Table 2.11 and Figure 2.D**), a proportion higher than the female proprotion among Middle Easterners (15%), Africans (23%), South and East Asians (31%), and Oceanians (35%), but lower than the proportion of women among North Americans (40%) and Latin Americans (39%). Greece sent substantially fewer women (19%) than the other leading European countries. Comparatively very high proportions of French, West German and British students were women (45%, 40% and 40%, respectively), while nearly four of ten Italian students (37%) were female.

LATIN AMERICAN STUDENTS

Students from Latin America (including the Caribbean, Central America and South America) constituted the third largest subgroup of foreign students in 1985/86 accounting for about 14% of the total foreign student population in the United States (**Table 2.1**). Nearly 7% of all foreign students were from South America, 4% from Central America, and 4% from the Caribbean. The proportion of Latin Americans was higher in the past (23% in 1949/50), but by 1979/80, it had fallen to nearly its present level of 14% (**Table 2.2**).

Field of Study

About one-fifth (20%) of Latin American students studied business and management in 1985/86 (**Table 2.3 and Figure 2.A**), and 18% studied engineering. Another 8% majored in mathematics and computer sciences and 8% in the social sciences. Data from previous years (**Table 2.4**) show a higher demand for engineering, and a substantially lower demand for business and management and for mathematics and computer sciences in the past. The demand for the two latter fields has risen considerably, however, since 1979/80, while preference for the health sciences and for the humanities has decreased since the 50's.

A look at the field-of-study choices of students from the leading Latin American countries (**Table 2.3 and Figure 2.A**) shows that the proportions of Venezuelans enrolled in engineering (26%) and mathematics and computer sciences (12%) are higher than the proportions for Latin America overall. Comparatively large subgroups of Mexicans and Brazilians studied agriculture (6% and 7% respectively), the largest proportions of all leading countries. Proportionately fewer Brazilians than other Latin Americans majored in business and management (13%) and engineering (13%) and more in education (6%), the humanities (7%), the physical and life sciences (9%), and the social sciences (10%). The Trinidadian foreign student population was characterized by higher than average enrollments in the health sciences (9%), the fine arts (8%), and mathematics and computer sciences (10%).

Historical comparisons, presented in **Table 2.5**, show that substantial increases occurred in the shares of students from all leading Latin American countries who studied business and management. Demand for engineering has dropped in recent years among students from all countries except Trinidad, while mathematics and computer sciences attracted more students from all countries in 1985/86 than in the past.

Academic Level

Latin America sent the highest regional proportion of undergraduates (72%) and the lowest proportion of graduate students (24%) in 1985/86 (**Table 2.6 and Figure 2.B**); these are similar to academic level proportions in the 1950's. This pattern had changed in the 60's and 70's, with proportionately fewer undergraduates (around 63%), slightly more graduate students (around 27%), and more students in non-degree, Intensive English Language and technical training programs (10%) (**Table 2.7**). Latin America's high undergraduate proportion is partly explained by very high Venezuelan and Trinidadian enrollments at that level (approximately 79% each); these countries show correspondingly below-average amount of study at the graduate level (17% and 19% respectively) (**Table 2.6**). Compared to the overall Latin American student population at the graduate level, a very large proportion of Brazilians (56%) and Mexicans (35%, a 10% drop over 83/84) were graduate students.

Comparing current distributions by country and academic level to past years, **Table 2.8** shows that fewer than 10% of Venezuelans were graduate students in the 50's. By 1970, as many as 29% studied at that level, but that proportion declined to 17% by 1985/86 (a slight increase over 83/84). Enrollment at "other" levels also peaked in 1970 at 15%, then dropped during the 1980's to 6% in 1985/86. Similarities can be observed in Colombia's distribution pattern.

Mexico's foreign student population included a large group of graduate students (39%) in 1954/55 (**Table 2.8**). Five years later, that proportion had decreased to 16%, but it then doubled during the next decade to 32%, remaining fairly stable during the 70's. Between 1979/80 and 1983/84, however, it jumped to 46%, a 13% increase. The Brazilian graduate student proportion, also a high 39% in 1954/55, rose steadily in the next two decades to 62% but declined to 56% in 1985/86.

Undergraduate Students

Undergraduate Latin American students comprised 9% of all foreign students in 1985/86. Six out of 10 were males, and four out of 10 females (**Table 2.9 and Figure 2.C**). The fields of study most popular among Latin American undergraduates, as shown in **Table 2.10**, were business and management (24%), engineering (19%), and mathematics and computer sciences (10%).

2.7 Academic Level of Foreign Students by World Region of Origin, Selected Years, 1954/55 - 1985/86

WORLD REGION/ YEAR	ACADEMIC LEVEL			Students Reported
	Under-graduate	Graduate	Other	
AFRICA				
1954/55	48.5	46.6	4.9	1,204
1959/60	48.1	42.9	9.0	1,892
1969/70	48.2	46.5	5.3	7,357
1979/80	61.2	35.4	3.4	18,461
1985/86	58.1	39.1	2.8	20,357
EUROPE				
1954/55	46.0	43.2	10.8	5,070
1959/60	45.3	46.1	8.6	6,141
1969/70	41.0	48.7	10.3	17,681
1979/80	48.1	43.5	8.4	12,264
1985/86	51.0	42.3	6.7	22,460
LATIN AMERICA				
1954/55	71.9	20.4	7.7	8,232
1959/60	73.5	19.6	6.9	9,098
1969/70	62.5	27.3	10.2	24,342
1979/80	63.8	26.1	10.1	23,163
1985/86	71.5	24.0	4.5	31,220
MIDDLE EAST				
1954/55	63.9	32.2	3.9	3,990
1959/60	67.3	27.8	4.9	6,283
1969/70	60.1	35.0	4.9	12,731
1979/80	71.1	23.0	5.9	39,647
1985/86	64.7	29.3	6.0	32,859
NORTH AMERICA				
1954/55	64.2	30.9	4.9	4,614
1959/60	64.0	32.4	3.6	5,678
1969/70	56.7	40.4	2.9	12,918
1979/80	67.9	29.9	2.2	8,466
1985/86	63.3	33.4	3.3	11,225
OCEANIA				
1954/55	36.7	58.8	4.5	330
1959/60	39.2	56.8	4.0	556
1969/70	46.9	46.8	6.3	2,026
1979/80	63.5	33.6	2.9	2,426
1985/86	64.0	32.9	3.1	2,669
SOUTH AND EAST ASIA				
1954/55	46.5	47.8	5.7	9,957
1959/60	37.1	53.5	9.4	17,421
1969/70	36.5	59.0	4.5	49,602
1979/80	41.9	53.3	4.8	40,730
1985/86	48.0	47.4	4.6	99720
ALL REGIONS				
1954/55	57.2	36.2	6.6	33,439
1959/60	53.0	39.6	7.4	47,159
1969/70	48.5	45.3	6.2	130,500
1979/80	58.1	35.9	6.0	146,406
1985/86	56.0	39.1	4.9	221,688

At the undergraduate level, Venezuelans were overrepresented in engineering (28%) and mathematics and computer science (14%). Mexicans and Brazilians had below-average enrollments in engineering. Trinidadians were overrepresented while Brazilians were underrepresented in the health sciences (8% and 2% respectively).

Graduate Students

Only 3% of the foreign student population in the United States in 1985/86 consisted of Latin American graduate students. Of these, roughly 30% were female (**Table 2.9 and Figure 2.C**). Graduate students chose more diverse fields of study than did undergraduates (**Table 2.10**). Fewer studied engineering (16% compared to 19%) and business and management (13% against 24%). More graduate students than undergraduates studied the social sciences (14% versus 6%), the physical and life sciences (12% versus 5%) and agriculture (9% versus 2%).

The field-of-study choices of students at the graduate level varied among leading Latin American countries, as **Table 2.10** reveals. Higher-than-average proportions of Venezuelan and Trinidadian graduate students studied business and management (17% and 14% respectively), and twice as many Trinidadians studied education (14%) as did the average Latin American student population. More Brazilians and Mexicans than other Latin Americans chose agriculture (over 11% each), and fewer Brazilians chose business and management (9%). The percentages of Trinidadian graduate students in the health sciences (17%) and in education (14%) were higher than any other country's in this region.

Gender

Interestingly, Latin America sent a higher proportion of women students (39%) than any other world region, except North America (**Table 2.11 and Figure 2.D**). The high representation of women was not completely consistent throughout the region, however, as only 30% of Mexican students were women, the lowest percentage among leading Latin American nations.

MIDDLE EASTERN STUDENTS

Students from the Middle East constituted 15% of all foreign students in the United States in 1985/86 (**Table 2.1**). Their proportion was smaller before 1969/70, ranging from 8% to 13% (**Table 2.2**), but their numbers increased tremendously during the 70's, and by 1979/80, they comprised nearly 30% of the U.S. foreign student body. Since then, a sharp drop in enrollments of Iranians as well as of other Middle Easterners, combined with an increased flow of students from other regions (especially from South and East Asia), have resulted in a drastic shrinkage of the share of Middle Easterners to 15%, about half their peak figure.

Field of Study

A large share (37%) of students from the Middle East came to the United States to study engineering in 1985/86 (**Table 2.3 and Figure 2.A**). Although this represents a decrease from the previous year, when as many as 42% enrolled in that field, proportionately nearly twice as many Middle Easterners as all other foreign students selected this field. On the other hand, a regionally low and also decreasing proportion of this group chose business and management (13% in 1985/86, down from 15% in 1983/84). Mathematics and computer sciences was the only other field that drew 10% of the students from the Middle East, the remaining fields being chosen by fewer than 7% of the students.

Data on the fields of study chosen by Middle Easterners in the past decades, presented in **Table 2.4**, reveal that engineering long has been the choice of increasingly larger percentages of students; the shares studying business and management and mathematics and computer sciences have risen more slowly over the years. Noteworthy are declines in the proportions of students in the health sciences and in the social sciences.

Engineering enrollments peaked among Jordanian and Lebanese students in 1979/80, with over half of each group in this field (**Table 2.5**). A large number of Kuwaitis (47%) and Iranians (45%) also chose engineering in that year. However, in the most recent survey year, 1985/86, all of these countries experienced a large decrease in the proportions of students studying engineering. Also of note is the very low share of Iranians studying business and management (6%), the lowest of any leading country in any region. Saudi Arabia, which had the lowest total proportion of engineers in the region (27%), also had the largest proportion of social scientists (12%).

Academic Level

The Middle East was the region, after Latin America, which sent the highest proportion of undergraduates in 1985/86: just under two-thirds (65%) of Middle Easterners were undergraduates (**Table 2.6 and Figure 2.B**). The proportions of undergraduates from Jordan (76%), Lebanon (72%), and Kuwait

2.8 *Academic Level of Foreign Students by Leading Place Within World Region of Origin, Selected Years, 1954/55 - 1985/86*

WORLD REGION/ YEAR	ACADEMIC LEVEL			
	Under-graduate	Graduate	Other	Students Reported
AFRICA				
Nigeria				
1954/55	49.2	46.6	4.2	264
1959/60	62.7	33.5	3.8	236
1969/70	53.7	42.1	4.2	1,811
1979/80	70.9	26.7	2.4	7,868
1985/86	67.5	30.5	2.0	7,499
Egypt				
1954/55	25.6	70.9	3.5	340
1959/60	22.7	74.2	3.1	484
1969/70	13.4	80.8	5.8	975
1979/80	21.3	75.1	3.6	891
1985/86	29.9	66.4	3.8	1,457
Ethiopia				
1954/55	55.0	33.3	11.7	60
1959/60	44.6	39.7	15.7	166
1969/70	51.8	41.6	6.6	529
1979/80	56.9	40.4	2.7	666
1985/86	71.8	24.6	3.6	1,080
South Africa				
1954/55	48.1	48.1	3.9	154
1959/60	47.5	49.7	2.8	179
1969/70	30.7	44.3	8.0	528
1979/80	45.1	49.6	5.3	645
1985/86	53.6	43.7	2.8	1,198
Kenya				
1954/55	63.2	21.0	15.8	19
1959/60	78.2	15.2	6.6	151
1969/70	54.4	42.9	2.7	478
1979/80	73.2	25.4	1.4	1,013
1985/86	69.9	28.3	1.8	1,105
EUROPE				
United Kingdom				
1954/55	28.1	61.4	10.5	697
1959/60	26.7	68.3	5.0	902
1969/70	39.1	53.7	7.2	3,999
1979/80	50.2	44.4	5.4	2,433
1985/86	54.5	37.9	7.6	4,022
Germany, F.R.				
1954/55	37.6	45.9	16.5	728
1959/60	36.8	48.8	14.4	687
1969/70	38.1	48.9	13.0	2,514
1979/80	44.9	41.7	13.4	1,698
1985/86	43.2	48.1	8.7	3,148
Greece				
1954/55	70.3	26.2	3.5	860
1959/60	67.1	28.5	4.4	1,058
1969/70	53.3	39.5	7.2	1,740
1979/80	57.6	38.8	3.6	1,483
1985/86	48.6	49.3	2.0	2,550
France				
1954/55	42.0	46.5	11.5	460
1959/60	37.3	55.8	6.9	563
1969/70	26.7	63.9	9.4	1,886
1979/80	35.1	56.4	8.5	1,267
1985/86	44.2	46.4	9.3	2,471
Italy				
1954/55	43.3	43.6	13.1	305
1959/60	51.5	41.6	6.9	435
1969/70	54.2	33.2	12.6	1,112
1979/80	45.5	46.9	7.6	602
1985/86	43.8	47.6	8.6	1,227
LATIN AMERICA				
Venezuela				
1954/55	85.5	8.6	5.9	846
1959/60	80.5	12.8	6.7	1,098
1969/70	55.5	29.4	15.1	1,680
1979/80	67.3	18.8	13.9	5,116
1985/86	78.8	17.1	4.1	4,939
Mexico				
1954/55	55.3	39.0	5.7	1,238
1959/60	80.3	15.6	4.1	1,331
1969/70	59.4	31.7	8.9	2,404
1979/80	44.9	33.0	2.1	3,597
1985/86	58.2	35.1	6.7	3,616
Colombia				
1954/55	76.5	13.6	9.9	1,247
1959/60	65.0	25.3	9.7	671
1969/70	47.1	35.9	17.0	1,999
1979/80	67.3	24.6	8.1	1,521
1985/86	66.2	25.3	8.5	2,677
Brazil				
1954/55	52.8	38.8	8.4	489
1959/60	38.6	42.4	19.0	458
1969/70	28.6	57.2	14.2	1,307
1979/80	31.1	62.1	6.8	1,569
1985/86	38.1	55.5	6.4	1,849

2.8 *(continued)*

WORLD REGION/ YEAR	ACADEMIC LEVEL			
	Under-graduate	% Graduate	% Other	Students Reported
Trinidad & Tobago				
1954/55	69.0	27.7	3.2	126
1959/60	74.9	21.8	3.3	211
1969/70	69.4	23.5	7.0	769
1979/80	73.5	24.6	1.9	593
1985/86	79.5	19.3	1.2	1,514
MIDDLE EAST				
Iran				
1954/55	65.2	30.4	4.4	973
1959/60	79.5	16.2	4.3	2,420
1969/70	69.7	24.7	5.6	4,949
1979/80	74.1	20.8	5.1	24,069
1985/86	55.8	38.8	5.4	8,356
Lebanon				
1954/55	65.5	29.7	4.8	249
1959/60	70.8	27.3	1.9	576
1969/70	65.2	32.6	2.2	978
1979/80	83.8	11.8	4.9	3,010
1985/86	71.7	20.9	7.5	4,464
Saudi Arabia				
1954/55	72.5	20.0	7.5	40
1959/60	65.6	30.0	4.4	90
1969/70	72.5	22.9	4.6	1,011
1979/80	66.4	23.6	10.0	4,534
1985/86	60.6	30.5	8.9	4,596
Jordan				
1954/55	85.6	11.9	2.5	597
1959/60	74.0	22.4	1.6	546
1969/70	66.9	29.9	3.2	874
1979/80	74.6	19.2	6.2	2,142
1985/86	75.8	20.2	4.0	4,095
Kuwait				
1954/55	–	–	–	–
1959/60	83.7	2.0	14.3	49
1969/70	82.7	15.4	1.9	311
1979/80	73.0	19.2	7.8	1,324
1985/86	75.1	18.0	6.9	2,445
NORTH AMERICA				
Canada				
1954/55	63.9	31.2	4.9	4,555
1959/60	63.6	32.7	3.7	5,606
1969/70	56.5	40.6	2.9	12,828
1979/80	67.3	30.5	2.2	8,207
1985/86	62.4	34.4	3.3	10,774

WORLD REGION/ YEAR	ACADEMIC LEVEL			
	Under-graduate	% Graduate	% Other	Students Reported
OCEANIA				
Australia				
1954/55	30.9	63.9	5.2	233
1959/60	28.8	66.7	4.5	357
1969/70	28.4	66.1	5.5	1,042
1979/80	29.5	64.4	6.1	911
1985/86	34.9	60.1	5.0	975
Pacific Is. Trust Terr.				
1954/55	92.9	7.1	–	14
1959/60	92.1	2.6	5.3	38
1969/70	84.1	5.3	10.6	322
1979/80	96.0	3.3	0.6	1,139
1985/86	94.7	3.9	1.4	1,169
SOUTH AND EAST ASIA				
Taiwan				
1954/55	50.4	46.8	2.8	2,505
1959/60	45.8	51.1	3.1	4,454
1969/70	19.4	77.3	3.3	11,718
1979/80	14.7	82.6	2.7	8,814
1985/86	19.0	77.5	3.5	14,379
Malaysia				
1954/55	71.0	25.8	3.2	186
1959/60	69.4	28.0	2.6	232
1969/70	52.2	44.0	3.8	654
1979/80	64.5	34.2	1.3	2,085
1985/86	83.6	14.5	1.9	14,841
Korea, Rep. of				
1954/55	69.0	26.0	5.0	1,186
1959/60	46.2	45.5	8.3	2,431
1969/70	28.7	66.7	4.6	3,911
1979/80	26.3	69.4	4.3	2,557
1985/86	27.4	67.8	4.8	11,496
India				
1954/55	28.8	68.2	3.0	1,624
1959/60	22.9	68.6	8.5	3,674
1969/70	18.7	78.0	3.3	11,045
1979/80	20.7	76.5	2.8	4,873
1985/86	24.8	71.8	3.4	10,177
China				
1954/55	–	–	–	–
1959/60	–	–	–	–
1969/70	–	–	–	–
1979/80	19.7	65.3	14.9	329
1985/86	22.5	73.6	3.9	8,858

(75%) were among the highest of all nationality groups. Three-fifths of Saudi Arabians (61%) and nearly as many Iranians (56%) studied at the undergraduate level.

Overall, the distribution of Middle Easterners by academic level has fluctuated since the mid-50's (**Table 2.7**). Nearly one-third of the students were in graduate programs in 1954/55; after some wavering in the 60's and 70's, the share of graduate students fell to 23% by 1980. Due to the drastic decline in the flows of undergraduates from Iran and other Middle Eastern countries in the 80's, the graduate-level share rose to 29%. The shares of graduate students from Iran at 39%, and Saudi Arabia, at 31%, were larger in 1985/86 than ever before (**Table 2.8**). The proportion of Jordanian graduate students, as high as 30% in 1970, fell considerably to 17% in 1983/84 and rose slightly to 20% in the following survey year. A similar fluctuation can be observed among the Lebanese, while the academic-level distribution of students from Kuwait has not varied much since 1969/70.

Undergraduate Students

Middle Easterners studying at the undergraduate level constituted approximately 9% of the foreign student body in 1985/86. A weighty 86% of them were men (**Table 2.9 and Figure 2.C**), the highest proportion from any region. Four out of ten (42%) majored in engineering (**Table 2.10**); another 16% chose business and management, and an additional 12% were enrolled in mathematics and computer sciences programs. Enrollments in each of the other fields of study were comparatively small.

In 1985/86, Iranian undergraduate students often chose fields of study different from the fields chosen by students from other leading Middle Eastern countries (**Table 2.10**). Below-average percentages of Iranians studied engineering (32%), and an even more disproportionate 6% chose business and management. Higher-than-average proportions chose the physical and life sciences (14%) and the health sciences (10%). Saudi Arabians were overrepresented in business and management (23%) and underrepresented in engineering (36%). Kuwaitis also were overrepresented in business and management, with one-fourth enrolling in that field. Approximately half of Jordanians and Lebanese (52% and 50% respectively) studied engineering at the undergraduate level, the highest proportions of any nationality groups in any region.

Graduate Students

Middle Eastern graduate students made up 4% of the foreign student population in the United States. All but 16% were men (**Table 2.9 and Figure 2.C**), but proportionately there were slightly more women among graduate than undergraduate students. The distribution of graduate students among different fields of study was more diverse than that of undergraduates (**Table 2.10**). Not surprisingly, the largest group studied engineering (32%). However, of the rest, about 15% chose the social sciences, and 9% chose each of the following fields: business and management, education, mathematics and computer sciences, and the physical and life sciences.

Iranian graduate students were underrepresented in business and management (5%) and overrepresented in engineering (40%), as shown in **Table 2.10**. The opposite was true for Kuwaitis and Saudi Arabians, who also were substantially overrepresented in education.

Gender

A mere 15% of the students from the Middle East were women in 1985/86 (**Table 2.11 and Figure 2.D**), despite the fact that over one quarter (27%) of Iranian students, the largest national subgroup from the Middle East, were female. The very low proportions (less than 8%) of women coming from the other leading Middle Eastern countries are responsible for the overall underrepresentation of females from the region.

NORTH AMERICAN STUDENTS

Only 5% of foreign students in the United States in 1985/86 were from North America . They came from Canada and Bermuda (**Table 2.1**). A substantially higher proportion of the foreign student population were from this region prior to 1980. As high as 17% in 1949/50, the North American percentage fell steadily over the years, dropping to 10% by the end of the 60's, and reaching the present level at the end of the 70's.(**Table 2.2**).

Field of Study, Academic Level, and Gender

The field-of-study distributrion of North American students was much more heterogeneous than those of other regional groups.The most popular field of study among this group was business and management, attracting a modest 16% of the students (**Table 2.3 and Figure 2.A**). Unlike most other groups, fewer than 10% of North Americans studied engineering, and very few (3%) chose mathematics and computer sciences. Sizable groups ranging from 8% to 11% enrolled in fields not popular with students from most other regions: education, the health sciences, the humanities, and the social

2.9 *Gender of Foreign Students Within Academic Level by World Region of Origin, 1985/86*

WORLD REGION	UNDERGRADUATE			GRADUATE			OTHER		
	Male	Female	Students Reported	Male	Female	Students Reported	Male	Female	Students Reported
Africa	73.1	26.9	10,946	82.9	17.1	7,239	75.3	24.7	514
Europe	61.3	38.7	10,550	68.0	32.0	7,997	56.7	43.3	1,412
Latin America	58.5	41.5	20,666	69.1	30.9	6,534	59.1	40.9	1,288
Middle East	85.8	14.2	19,461	83.8	16.2	8,497	83.1	16.9	1,740
North America	60.2	39.8	6,757	63.2	36.8	3,234	44.8	55.2	353
Oceania	63.1	36.9	1,527	71.2	28.8	757	49.4	50.6	77
South and East Asia	65.1	34.9	43,181	75.2	24.8	40,463	63.5	36.5	4,171
ALL REGIONS	**67.6**	**32.4**	**113,630**	**75.1**	**24.9**	**74,949**	**65.4**	**34.6**	**9,694**

sciences. Notable changes in the field-of-study choices of North Americans are a linear increase in business and management enrollments since 1949/50 and a substantial decline in the proportion of fine arts students since 1979/80, as shown in **Table 2.4**.

One-third of the North Americans were enrolled in graduate programs (**Table 2.6 and Figure 2.B**), and four-tenths of them were women, proportionately more than among any other regional group in 1985/86 (**Table 2.11**). North America's proportion of graduate students has fluctuated at around 30% for three decades, peaking briefly in the late 60's at 40% (**Table 2.7**).

Undergraduate Students

In 1985/86, less than six out of ten (58%) North American undergraduate students were men (**Table 2.9 and Figure 2.C**), a small proportion compared to other world regions. The fields of study preferred by undergraduate students were business and management, chosen by 19%; engineering, selected by 12%; and the social sciences, enrolling 10% (**Table 2.10**).

Graduate Students

Men comprised nearly two-thirds (63%) of graduate students from North America in 1985/86 (**Table 2.9**). The fields of study selected by graduate students differed markedly from those chosen by undergraduate students. As shown in **Table 2.10**, graduate students selected the humanities, the health sciences, and the social sciences (13% each) much more often than undergraduates, and business and management (10%) and engineering (6%) less often.

OCEANIAN STUDENTS

Field of Study, Academic Level, and Gender

Students from Oceania made up only 1% of the foreign students in the United States in 1985/86, a proportion that has remained virtually unchanged since 1950 (**Tables 2.1** and **2.2**).

Oceanians chose fields of study in patterns which are in some ways unique and in other ways similar to those of North Americans (**Table 2.3and Figure 2.A**). As many as 15% majored in the social sciences and 8% majored in education, the highest proportions in these fields for any regional group. Business and management was the most favored field, attracting about one fifth of the Oceanians (20%), while engineering fared badly, with only 7% of these students. Also noteworthy is that the humanities were chosen by nearly one of ten Oceanians (9%), the second highest share after Europeans (**Table 2.3 and Figure 2.A**).

Demand for various fields of study changed substantially from 1960 to 1970, with the health sciences, the humanities and the physical and life sciences losing enrollments, and education and business and management gaining students (**Table 2.4**). The changes since then have been more limited. Most notable were a doubling of the proportions studying business and management up to 20%; a recent large drop in the proportion studying education (from 17% to 8%); and a continued drop in the share of physical and life sciences students.

In 1985/86, one-third (33%) of the students from this region were graduate students (**Table 2.6 and Figure 2.B**), and a little over one-third (35%) were women (**Table 2.11 and Figure 2.D**). In the 50's and 60's, approximately half of the Oceanian students were studying at the graduate level; by the end of the 70's, the graduate student share had plummeted to around 33% (**Table 2.8**).

Undergraduate Students

In 1985/86, over a third (37%) of undergraduate students from Oceania were female (**Table 2.9**). Nearly half of undergraduates were in just two fields, business and management (28%) and the social sciences (17%), education being the next most popular field, chosen by a low 8% (**Table 2.10**).

Graduate Students

Seven of every ten (71%) Oceanian graduate students in 1985/86 were men (**Table 2.9 and Figure 2.C**). The fields of study they selected most often were rather atypical; nearly one-fifth (19%) selected the humanities; an additional 14% selected the social sciences; and 13% chose the health sciences. (**Table 2.10**).

SOUTH AND EAST ASIAN STUDENTS

Nearly half (45%) of the 343,780 foreign students who attended U.S. institutions of higher education in 1985/86 came from South and East Asia, by far the largest regional group. Approximately half of these students (23% of the total foreign student population) were from East Asia; an additional third (14% of all foreign students) were from Southeast Asia; and the remaining (8% of all foreign students) were from South and Central Asia (**Table 2.1**). The Asian students' share of foreign students was almost as high in the 60's and early 70's but shrank in the late 70's and early '80s, partly because of a great influx of Middle Easterners. With the drastic decrease in Iranian and other Middle Eastern student numbers and a simultaneous increase in the flow of students from East and Southeast Asia since 1979/80, Asia not only regained its lead by 1983, but reached an all time high by 1985/86 (**Table 2.2**).

Field of Study

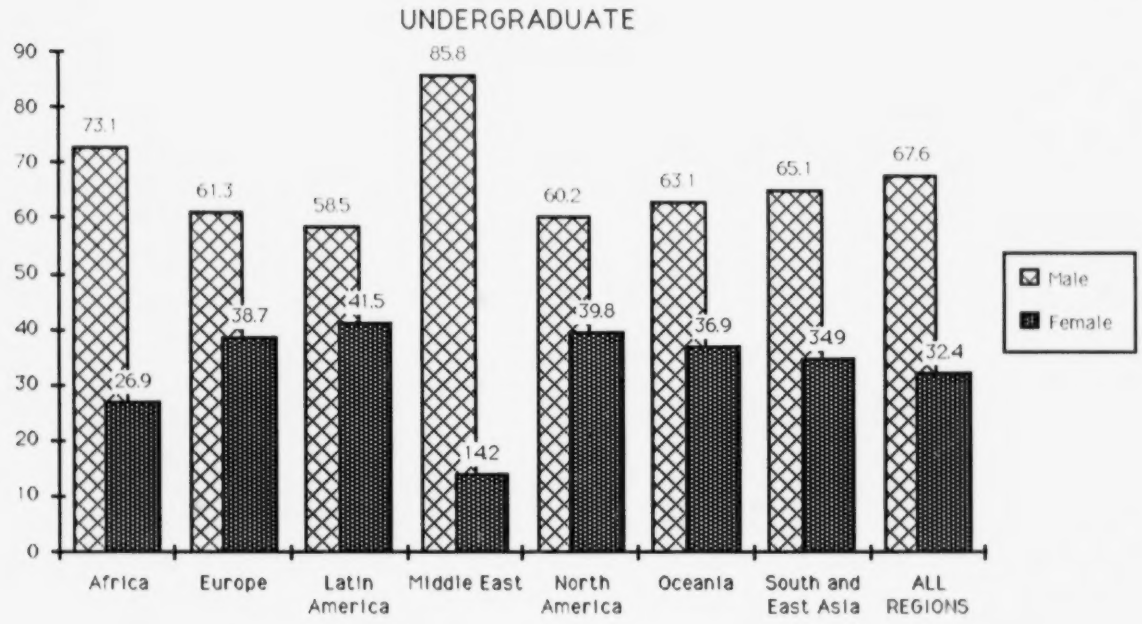
The fields of study chosen by the largest group of students from South and East Asia (24%) was engineering. Business and management was not far behind in popularity, however, attracting almost one-fifth of students from this region (20%). Mathematics and computer science was chosen by a healthy 13%, the physical and life sciences drew 9%; while the proportion of Asians in each of the other fields of study was less than 8% (**Table 2.3 and Figure 2.A**).

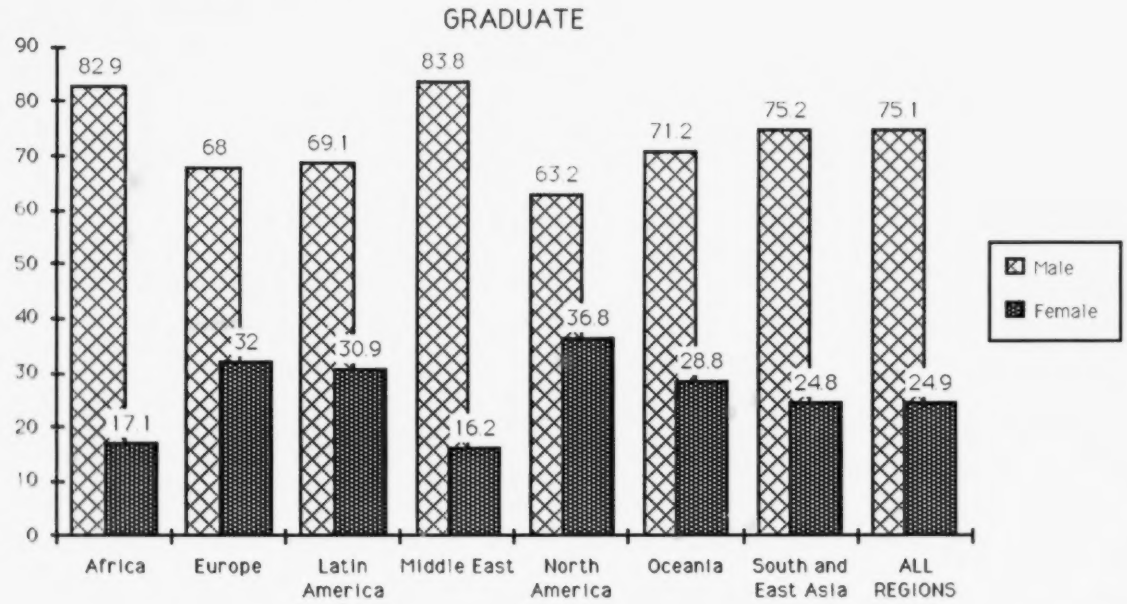
Within the region, field-of-study distributions varied considerably. Students from Taiwan showed a greater-than-average preference for engineering (27%), mathematics and computer sciences (22%), and the physical and life sciences (11%) and a lower interest for business and management (12%) (**Table 2.3**). Malaysians were concentrated in three fields: engineering, with nearly one third (32%); business and management, with more than one fourth (28%); and mathematics and computer sciences, with 12%. On the other hand, South Koreans were spread out more evenly among the different fields of study. Interestingly, they chose the social sciences almost twice as often as other Asians (14% compared to 7%) but were comparatively less enthusiastic about business and management and engineering. The overwhelming choice of Indians was engineering, selected by one-third of them. Business and management (17%), math and computer sciences (14%), and the social sciences (6%) accounted for most of the remaining Indians. Students from China were most heavily concentrated in the physical sciences (25%), with another 23% in engineering and 14% in mathematics and computer sciences. They also had the lowest proportion of business and management students at 8%.

A comparison of present field-of-study distributions with those in the past three decades (**Table 2.4**) reveals that the demand for engineering has been steadily high while the demand for business and management doubled from 1969/70 to 1979/80, but has not increased since then. The proportion of Asians studying the physical and life sciences has almost halved in recent years (9% in 1985/86 compared to 18% in 1969/70), but the proportion in mathematics and computer sciences has nearly doubled since 1979/80, from 7% to 13%. It is worth noting that the humanities, the health sciences, education, and agriculture, although never very popular, have attracted steadily declining shares of Asians.

Significant changes have occurred over time in the field-of-study choices of students from specific South and East Asian countries (**Table 2.5**). Most notable are the tremendous increase in the popularity of business and management among students from all leading countries and other places, except China, and the universal decline of social science enrollments. Also worth noting are large increases, during this decade, in the proportions of students from Taiwan and India enrolling in mathematics and computer sciences programs (10% in each

2.C *Gender of Foreign Students Within Academic Level by World Region of Origin, 1985/86*





2.10 *Field of Study and Academic Level of Foreign Students by World Region and Leading Place of Origin, 1985/86*

WORLD REGION/ LOCALITY	UNDERGRADUATE													
	FIELD OF STUDY (percentages)													
	AGRI	BUS/ MGMT	EDUC	ENGR	FINE ARTS	HLTH SCI	HUM	MATH/ COMP	PHYS SCI	SOC SCI	OTHR	INT ENGL	UN-DEC	Students Reported
AFRICA	**3.2**	**27.6**	**3.8**	**16.7**	**3.2**	**6.8**	**1.9**	**7.3**	**5.6**	**9.2**	**8.1**	**0.2**	**6.5**	**11,475**
Nigeria	2.8	33.9	5.0	12.5	4.2	6.7	1.3	4.6	4.1	12.2	7.9	0.1	4.9	4,945
Egypt	1.2	15.7	0.9	43.4	3.3	4.0	1.6	11.7	3.5	1.9	7.3	0.2	5.2	426
Ethiopia	1.2	22.6	3.6	15.8	1.2	9.6	0.9	12.9	7.9	4.0	8.7	0.3	11.2	747
South Africa	1.1	20.5	5.3	9.9	5.6	5.6	5.0	5.6	7.5	11.5	13.4	0.3	8.6	625
Kenya	3.3	29.5	3.3	12.2	2.8	6.8	2.3	9.0	6.8	8.9	7.9	0.1	7.2	755
EUROPE	**0.7**	**21.7**	**3.5**	**13.3**	**7.3**	**2.7**	**4.6**	**7.1**	**5.5**	**9.1**	**12.1**	**0.2**	**12.2**	**11,147**
United Kingdom	0.4	19.8	6.3	9.9	7.6	3.2	5.6	6.1	5.5	9.4	12.4	0.1	13.7	2,128
Germany, F.R.	0.8	15.9	2.2	8.7	8.6	2.0	6.5	3.7	9.0	10.0	17.5	0.2	14.9	1,305
Greece	1.0	15.6	2.8	26.7	4.3	1.8	3.0	17.1	7.2	8.5	6.3	–	5.8	1,215
France	0.7	28.5	1.9	8.4	5.5	1.6	6.2	6.0	4.2	11.3	10.6	0.3	14.8	1,062
Italy	1.0	21.3	1.1	8.6	8.2	2.5	5.7	5.0	5.0	14.0	13.6	0.4	13.6	522
LATIN AMERICA	**2.3**	**23.6**	**2.9**	**19.0**	**5.8**	**6.0**	**2.1**	**9.6**	**4.6**	**6.1**	**9.2**	**0.4**	**8.5**	**21,656**
Venezuela	2.8	22.5	1.8	28.0	7.1	2.6	0.8	14.1	3.2	4.7	7.5	0.1	4.8	3,779
Mexico	3.8	19.1	2.3	14.7	6.5	2.1	3.1	10.1	4.1	6.3	9.4	1.5	17.1	2,044
Colombia	3.2	24.0	1.7	18.4	6.9	5.0	2.2	8.4	4.7	6.1	12.0	0.5	6.9	1,731
Brazil	1.7	21.4	5.6	11.2	7.3	2.2	5.3	9.2	4.1	8.4	12.6	0.5	10.5	641
Trinidad & Tobago	1.0	18.9	4.4	18.4	8.1	7.8	1.5	12.5	8.1	6.4	8.9	–	4.1	1,177
MIDDLE EAST	**0.5**	**16.0**	**1.2**	**41.1**	**2.7**	**3.6**	**0.8**	**12.2**	**5.5**	**3.7**	**5.7**	**0.4**	**6.5**	**20,752**
Iran	0.8	6.3	1.4	31.8	2.8	9.8	0.9	13.8	14.0	3.5	7.4	0.1	7.4	4,500
Lebanon	0.4	13.4	0.9	50.4	2.7	3.7	0.4	9.8	3.3	2.3	4.7	0.5	7.5	3,162
Saudi Arabia	0.6	22.9	1.2	35.9	1.4	1.1	0.5	15.1	2.6	6.4	5.3	1.0	6.2	2,735
Jordan	0.2	15.9	0.6	52.0	2.3	1.6	1.1	11.4	2.2	2.3	4.0	0.1	6.2	3,048
Kuwait	0.6	24.6	1.6	41.8	1.3	1.1	0.7	13.1	2.1	2.6	5.5	1.1	4.0	1,786
NORTH AMERICA	**1.5**	**18.6**	**7.3**	**11.9**	**7.8**	**7.1**	**4.3**	**3.9**	**4.9**	**10.2**	**14.2**	**–**	**8.0**	**6,988**
Canada	1.6	18.2	7.4	12.1	8.0	7.1	4.2	3.6	5.0	10.4	14.2	–	8.1	6,601
OCEANIA	**2.0**	**27.9**	**8.3**	**6.5**	**4.9**	**4.9**	**3.0**	**6.0**	**4.4**	**16.6**	**11.4**	**0.1**	**4.2**	**1,563**
Australia	0.6	15.9	12.3	5.7	12.9	4.2	5.7	3.9	3.6	9.6	15.0	0.3	10.2	333
Pacific Is. Trust Terr.	2.2	32.9	7.0	6.5	1.7	5.4	1.4	7.1	3.6	20.7	9.9	–	1.5	999
SOUTH AND EAST ASIA	**0.7**	**25.3**	**1.6**	**24.7**	**5.9**	**2.3**	**1.9**	**14.6**	**4.1**	**5.1**	**6.7**	**0.4**	**6.7**	**46,614**
Taiwan	0.4	21.2	1.9	17.5	6.8	4.0	1.1	25.0	5.0	2.6	7.2	0.4	7.0	2,613
Malaysia	1.3	27.7	1.1	36.0	6.8	0.9	1.1	11.9	3.1	3.7	2.6	–	3.6	12,251
Korea, Rep. of	0.3	21.7	2.1	11.0	8.6	2.2	3.5	15.8	5.7	10.1	8.8	0.7	9.5	3,057
India	0.7	20.0	0.8	26.3	2.4	4.0	1.2	17.3	5.6	4.5	7.5	0.1	9.8	2,454
China	0.1	18.4	2.0	23.3	5.9	4.4	2.2	19.7	7.5	3.4	6.0	0.2	6.5	1,941
ALL REGIONS	**1.3**	**22.9**	**2.6**	**23.7**	**5.3**	**4.0**	**2.1**	**11.2**	**4.8**	**6.3**	**8.1**	**0.4**	**7.5**	**120,746**

2.10 *(continued)*

WORLD REGION/ LOCALITY	GRADUATE — FIELD OF STUDY (Percentages)													Students Reported
	AGRI	BUS/ MGMT	EDUC	ENGR	FINE ARTS	HLTH SCI	HUM	MATH/ COMP	PHYS SCI	SOC SCI	OTHER	INT ENGL	UN-DEC	
AFRICA	**8.6**	**12.4**	**7.2**	**16.5**	**3.5**	**7.0**	**7.9**	**5.7**	**9.9**	**14.9**	**4.8**	**–**	**1.7**	**7,879**
Nigeria	5.9	22.9	10.1	12.2	3.7	5.7	5.2	4.5	7.0	16.6	5.1	–	1.1	2,270
Egypt	8.1	6.9	4.0	31.7	5.1	8.9	5.1	8.0	11.5	7.2	2.2	0.1	1.2	963
Ethiopia	9.1	6.8	5.3	11.4	1.9	14.1	8.4	3.8	12.5	19.8	4.6	–	2.3	263
South Africa	2.3	9.6	10.9	9.2	6.4	10.7	15.0	4.5	8.0	16.4	6.3	–	0.6	512
Kenya	10.0	20.4	8.7	6.1	1.9	7.8	9.7	4.2	9.4	13.3	5.8	–	2.6	309
EUROPE	**2.0**	**12.7**	**2.8**	**14.4**	**5.0**	**6.4**	**14.5**	**7.1**	**13.0**	**14.2**	**5.2**	**0.1**	**2.6**	**9,315**
United Kingdom	1.8	11.4	5.4	9.8	7.2	5.3	14.3	5.5	15.2	16.7	5.6	–	2.0	1,495
Germany, F.R.	1.8	10.4	1.6	10.0	3.8	4.1	21.8	7.8	13.9	16.7	4.3	–	3.9	1,485
Greece	1.8	10.5	2.2	32.7	4.0	3.1	3.6	11.0	14.6	12.6	3.1	–	0.8	1,240
France	1.6	20.5	1.2	16.3	3.8	6.5	19.4	3.5	8.5	9.2	4.7	0.2	4.7	1,130
Italy	1.8	10.1	2.3	8.0	5.0	5.7	16.1	8.0	14.3	20.4	5.8	–	2.7	565
LATIN AMERICA	**8.8**	**13.1**	**6.4**	**15.6**	**4.0**	**6.2**	**7.8**	**5.8**	**11.8**	**14.2**	**5.0**	**0.1**	**1.2**	**7,419**
Venezuela	6.7	16.7	7.8	19.3	5.9	2.6	4.3	5.3	12.7	12.7	5.0	0.4	0.7	836
Mexico	11.9	12.9	3.6	15.5	3.2	5.5	4.9	6.5	15.1	15.3	4.1	–	1.4	1,255
Colombia	7.6	14.0	5.7	17.0	4.2	6.1	9.3	6.7	10.7	11.9	5.4	0.1	1.2	670
Brazil	11.3	9.4	6.8	15.9	5.2	5.0	9.3	6.7	13.0	12.2	4.0	0.2	1.0	1,012
Trinidad and Tobago	1.7	15.1	13.7	10.7	6.9	16.8	4.5	4.1	9.3	10.0	6.5	–	0.7	291
MIDDLE EAST	**3.1**	**9.6**	**6.9**	**32.2**	**3.0**	**4.4**	**2.8**	**8.4**	**9.3**	**14.7**	**3.3**	**0.1**	**2.0**	**9,558**
Iran	3.0	5.1	4.4	40.6	2.5	4.9	1.1	11.0	12.0	10.8	2.1	–	2.6	3,220
Lebanon	2.3	11.1	3.1	49.5	2.7	5.3	2.4	7.5	3.9	7.2	2.5	–	2.5	925
Saudi Arabia	3.2	9.7	16.3	14.7	3.7	4.2	4.2	4.4	5.3	26.1	5.7	0.6	1.9	1,395
Jordan	2.1	14.1	7.5	23.4	2.3	5.4	5.8	7.4	10.2	17.2	2.8	–	1.8	822
Kuwait	0.5	20.2	16.1	19.8	1.1	3.4	2.0	8.4	3.2	18.6	4.8	–	1.8	440
NORTH AMERICA	**2.4**	**10.3**	**9.8**	**6.4**	**9.5**	**13.3**	**13.0**	**2.8**	**10.4**	**12.9**	**7.0**	**–**	**2.3**	**3,678**
Canada	2.4	10.2	9.7	6.4	9.6	13.4	13.0	2.8	10.3	12.8	7.0	–	2.3	3,634
OCEANIA	**4.1**	**8.1**	**9.3**	**6.6**	**5.5**	**12.5**	**16.7**	**4.4**	**8.5**	**14.2**	**7.0**	**–**	**1.3**	**862**
Australia	3.0	7.7	9.4	7.0	7.2	12.7	19.5	3.1	8.0	15.0	7.0	–	0.3	573
Pacific Is. Trust Terr.	–	26.7	24.4	–	–	17.8	–	–	4.4	8.9	15.6	–	2.2	45
SOUTH AND EAST ASIA	**2.8**	**14.6**	**4.1**	**24.6**	**3.2**	**3.2**	**4.8**	**12.5**	**14.6**	**10.1**	**3.9**	**0.2**	**1.5**	**46,736**
Taiwan	2.4	10.2	3.9	30.0	3.1	3.2	2.5	20.8	13.3	5.7	3.5	0.1	1.4	11,010
Malaysia	4.5	29.5	10.3	11.4	3.3	1.6	4.2	9.6	8.8	11.4	3.1	0.8	1.4	2,129
Korea, Rep. of	2.4	14.7	4.4	22.1	4.9	1.2	7.8	7.7	13.4	15.6	4.4	0.1	1.3	7,710
India	1.4	14.9	1.4	36.6	1.6	3.1	2.9	13.3	14.1	6.1	3.0	–	1.6	7,259
China	2.8	4.6	3.0	23.1	2.4	3.3	4.2	12.3	31.5	7.5	3.3	0.1	2.0	6,436
ALL REGIONS	**3.8**	**13.2**	**5.1**	**21.8**	**3.8**	**4.8**	**6.7**	**9.7**	**12.9**	**12.0**	**4.3**	**0.1**	**1.7**	**85,691**

case), a dramatic rise in the share of Malaysian students majoring in engineering (more than doubling, from 14% to 32%), and a substantial drop in the proportion of South Koreans in the humanities (from 10% to 7%).

Academic Level

Compared to other world regions, a very large proportion of South and East Asians (47%) were graduate students (**Table 2.6 and Figure 2.B**). Nearly equal proportions were undergraduates (48%), with the remaining 5% attending Intensive English Language, technical training, and non-degree programs. High as the percentage of Asian graduate students may seem when compared to other regions, it actually was at its lowest level since the mid-50's. The percentage of Asian graduate students was consistently above 50% during the 60's and 70's (**Table 2.7**).

The distribution of Asian students by academic level varied widely from place to place (**Table 2.6 and Figure 2.B**). Almost eight-tenths (78%) of the students from Taiwan were enrolled in graduate programs. Graduate student proportions were also high among students from China (74%), India (72%), and the Republic of Korea (68%), the highest proportions within any national group worlwide. By sharp contrast, only 15% of the Malaysians studied at the graduate level.

The proportions of graduate students from Taiwan, India, and the Republic of Korea traditionally have been large (**Table 2.8**). The proportion of Malaysian graduate students, less than 30% until the early 60's, reached 44% by 1969/70, then declined, slowly during the 70's and at a greatly accelerated pace during the early '80s, as undergraduate flows from Malaysia expanded substantially.

Undergraduate Students

Approximately two-thirds (65%) of the undergraduate students from South and East Asia were men (**Table 2.9 and Figure 2.C**). Over two-thirds of them studied business and management (25%), engineering (25%), and mathematics and computer science (15%) (**Table 2.10**). Engineering was pursued by a comparatively very large percentage of Malaysians (36%) but a surprisingly small percentage of South Koreans (11%) and Taiwanese (18%). Undergraduates from Taiwan and China chose mathematics and computer sciences much more often than other Asian undergraduates (25% and 20% respectively) while the South Koreans showed a much higher than average preference for the social sciences (10%).

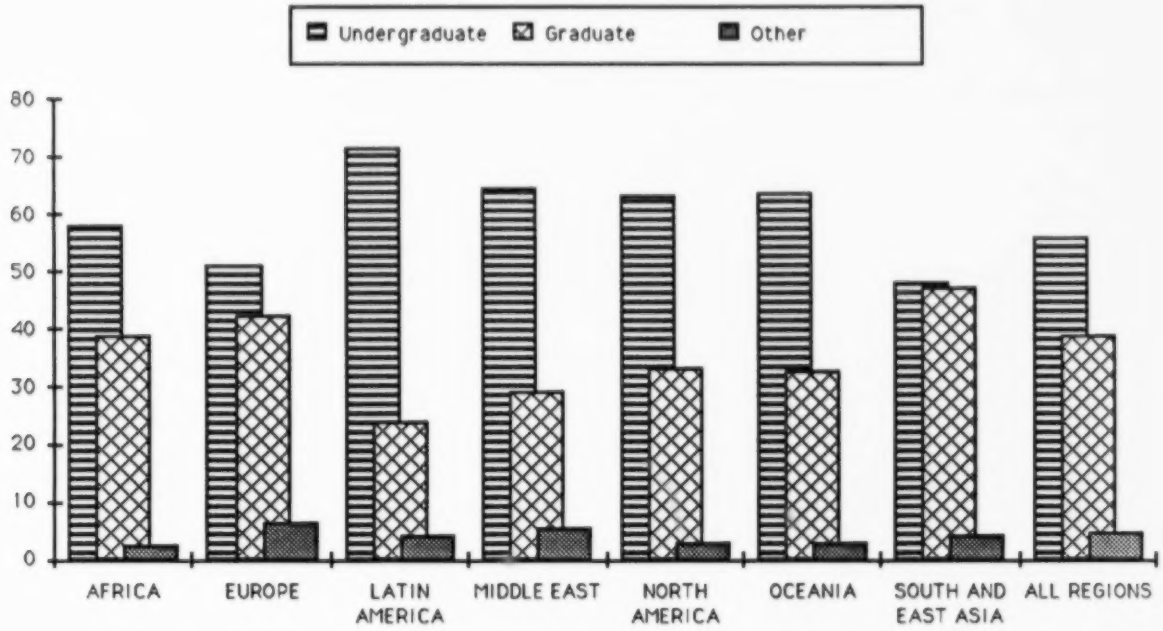
2.11 Gender of Foreign Students by World Region and Leading Place of Origin, 1985/86

WORLD REGION/ LOCALITY	GENDER		Students Reported
	Male	Female	
AFRICA	**77.0**	**23.0**	**19,094**
Nigeria	79.7	20.3	7,130
Egypt	85.2	14.8	1,339
Ethiopia	59.7	40.3	1,028
South Africa	64.6	35.4	1,078
Kenya	68.2	31.8	1,036
EUROPE	**63.6**	**36.4**	**20,224**
United Kingdom	61.4	38.6	3,687
Germany, F.R.	59.9	40.1	2,769
Greece	80.3	19.7	2,365
France	55.4	44.6	2,210
Italy	62.6	37.4	1,048
LATIN AMERICA	**61.0**	**39.0**	**28,765**
Venezuela	66.1	33.9	4,559
Mexico	70.0	30.0	3,093
Colombia	59.8	40.2	2,455
Brazil	64.2	35.8	1,700
Trinidad & Tobago	56.2	43.8	1,501
MIDDLE EAST	**85.1**	**14.9**	**30,052**
Iran	73.2	26.8	7,531
Lebanon	90.2	9.8	4,117
Saudi Arabia	92.9	7.1	4,208
Jordan	92.3	7.7	3,814
Kuwait	92.4	7.6	2,249
NORTH AMERICA	**60.3**	**39.7**	**10,481**
Canada	61.0	39.0	10,054
OCEANIA	**65.3**	**34.7**	**2,377**
Pacific Is. Trust Terr.	65.8	34.2	1,057
Australia	64.0	36.0	866
SOUTH AND EAST ASIA	**69.6**	**30.4**	**89,158**
Taiwan	65.7	34.3	12,899
Malaysia	67.7	32.3	13,727
Korea, Rep. of	79.0	21.0	10,157
India	81.4	18.6	9,228
China	70.8	29.2	7,288
ALL REGIONS	**70.2**	**29.8**	**201,060**

Graduate Students

Three out of four graduate students (75%) from South and East Asia were men in 1985/86, as indicated in **Table 2.9 and Figure 2.C**. Their field-of-study choices were more diversified than those of the undergraduate students. The most popular field of study was engineering, chosen by about one-quarter, a proportion similar to that of undergradu-

2.D Gender of Foreign Students by World Region of Origin, 1985/86



ates (**Table 2.10**). About 15% selected business and management, which attracted as many as 25% of the undergraduates; another 15% studied the physical and life sciences, which garnered only 4% of undergraduates. Also, sizeable groups of graduate students chose mathematics and computer sciences (13%) and the social sciences (at 10%, a proportion twice as large as the share of undergraduates in this field).

Data on the field-of-study distributions of graduate students from leading countries and places in Asia, presented on **Table 2.10**, reveal a number of differences. The students from Taiwan showed a much stronger preference for engineering (30%) and mathematics and computer sciences (21%) than most other Asian graduate students and a lower preference for business and management (10%). Indians selected engineering in even higher proportions (37%). Mathematics and computer sciences were chosen by comparatively fewer South Koreans (8%), and the social sciences by more (16%) Koreans than the Asian average. A strikingly large percentage of Malaysian graduate students (30%) pursued business and management, and a relatively small percentage (11%) enrolled in engineering courses.

Gender

Among Asian students 70% were men in 1985/86 (**Table 2.11 and Figure 2.D**), but this ratio was not uniform for all leading places in this region. India and the Republic of Korea sent very high proportions of males (81% and 79% respectively), while Taiwan and Malaysia sent slightly more women than the region overall (34% and 32% respectively).

CHAPTER 3: FOREIGN STUDENTS WITHIN U.S. REGION, ACADEMIC LEVEL, AND FIELD OF STUDY

INTRODUCTION

Having established the characteristics of regional and national subgroups of the foreign student population in the United States, we move on to an examination of the composition of subgroups according to their various geographic and educational "destinations" in different U.S. regions and states, and within different academic levels and fields of study. How does the foreign student population vary in different states, e.g. Florida vs. California? Are students from certain countries or places overrepresented in specific fields of study, e.g. engineering or management? How have distributions of students among various fields changed over time?

GEOGRAPHIC DESTINATIONS

Table 3.1 shows the composition of foreign student subgroups within U.S. regions and states by world region of origin. Before examining how these subgroups compare with each other and the foreign student population as a whole, it is well to review the overall composition of foreign students: in 1985/86, 9% came from Africa, 10% from Europe, 14% from Latin America, 15% from the Middle East, 5% from North America, 1% from Oceania, and 45% from South and East Asia (**Table 3.1**).

Northeast

A little over forty percent (42%) of the foreign students attending institutions in the Northeast in 1985/86 were South and East Asians, a proportion slightly lower than the national average for this group. A comparatively high 16% came from Europe, 13% from Latin America and a relatively low 12% from the Middle East. Africans (9%) and North Americans (7%) accounted for most of the remaining foreign students (**Table 3.1**).

In many New England states, Europeans constituted from one-fifth to one-fourth of the foreign student population, proportions twice as high as the national average; Vermont and Rhode Island had 25% each, New Hampshire 20%, and Connecticut 19%. New Jersey was the only Northeastern state with relatively very few Europeans (8%). In contrast, the New England states had rather low proportions of South and East Asian students compared to the national average of 45%: Vermont (27%), Maine (29%), Rhode Island (29%), Massachusetts (36%) and New Hampshire (37%). Students from North America, while accounting for only 5% of all foreign students, comprised a large percentage of foreign students in Maine (29%), Vermont (16%), Rhode Island (11%), and New Hampshire (16%).

Several states – Maine (9%), New Hampshire (9%), Connecticut (10%), and New York (11%) – attracted relatively fewer students from the Middle East than other Northeastern states. Pennsylvania had higher-than-average proportions of Africans, and New Jersey had a very high proportion of Middle Easterners. Massachusetts was chosen by relatively few Africans but a large proportion of Europeans.

South

As in every U.S. region, South and East Asian students were the predominant group of foreign students in the South, but at 34% of the foreign students in this region, they were the smallest proportion of South and East Asians in any region. Conversely, a very large proportion of the students in this region came from Latin America (26%). Africans also showed an affinity for the South, comprising over one-eighth (13%) of its foreign student population, while North Americans were underrepresented at 3%.

Within the South, the foreign student populations of individual states were very different with respect to world region of origin. For instance, nearly six of every ten (59%) of Florida's foreign students came from Latin America, a share four

3.1 *World Region of Origin of Foreign Students Within U.S. Regions and States, 1985/86*

U.S. REGION/STATE	WORLD REGION (Percentages)							Number of Students Reported
	Africa	Europe	Latin America	Middle East	North America	Oceania	South and East Asia	
NORTHEAST	**8.6**	**15.9**	**13.1**	**11.7**	**7.1**	**0.8**	**42.0**	**44,455**
Connecticut	7.2	19.3	10.9	9.8	6.1	0.9	44.7	3,073
Maine	6.9	14.6	11.7	9.0	28.7	–	29.0	376
Massachusetts	7.6	18.6	15.6	12.0	8.4	1.1	36.3	11,916
New Hampshire	8.5	19.6	7.8	9.2	15.7	0.7	38.6	459
New Jersey	11.1	8.1	10.0	19.7	1.0	0.1	47.7	2,391
New York	7.9	14.4	12.9	10.5	7.6	0.7	44.9	16,946
Pennsylvania	12.1	14.4	11.7	12.1	3.7	0.8	44.9	7,874
Rhode Island	4.7	24.7	11.8	17.6	10.9	0.7	29.4	807
Vermont	5.0	24.7	19.6	7.3	15.6	0.2	26.9	616
SOUTH	**13.2**	**9.0**	**26.1**	**14.4**	**2.8**	**0.5**	**33.5**	**50,916**
Alabama	32.4	4.2	14.3	15.8	2.9	0.1	29.9	3,074
Arkansas	8.0	5.3	9.4	25.6	1.5	0.9	49.1	1,716
Delaware	7.2	14.4	12.2	7.9	1.5	0.5	56.3	789
District of Columbia	21.4	10.5	23.0	17.9	2.2	0.4	23.4	6,458
Florida	4.4	7.5	58.6	11.7	2.9	0.2	14.7	11,551
Georgia	17.4	11.1	16.1	10.9	2.6	0.6	41.2	3,717
Kentucky	17.1	8.1	8.4	17.3	2.9	0.8	45.3	1,558
Maryland	22.0	11.9	21.2	12.7	4.0	0.5	27.6	2,543
Mississippi	7.0	3.4	16.8	8.3	1.6	0.3	50.0	1,479
North Carolina	11.6	12.0	15.1	14.4	3.2	0.8	42.7	3,678
South Carolina	12.0	16.5	14.2	12.5	6.1	1.4	37.3	1,412
Tennessee	8.2	9.1	13.7	18.2	3.5	0.8	46.3	3,690
Virginia	18.2	13.2	11.2	14.0	5.7	1.0	36.8	2,156
West Virginia	13.6	10.3	6.9	19.2	2.1	0.2	47.6	1,111
SOUTHWEST	**10.0**	**7.3**	**15.6**	**17.7**	**2.8**	**0.7**	**45.0**	**30,529**
Arizona	7.3	9.2	12.1	24.5	5.4	1.5	39.6	5,395
New Mexico	9.5	10.1	16.9	19.3	3.5	1.4	39.3	1,536
Oklahoma	14.1	4.0	11.0	23.4	1.7	0.5	45.3	4,779
Texas	9.8	7.4	17.6	14.1	2.2	0.5	47.0	18,819
MIDWEST	**9.6**	**8.5**	**8.1**	**14.6**	**6.5**	**0.8**	**51.9**	**51,804**
Illinois	8.4	10.0	7.9	10.5	2.6	0.5	59.9	9,238
Indiana	8.6	11.1	9.3	14.7	5.4	0.7	50.0	4,906
Iowa	8.3	8.1	7.5	12.2	2.4	0.5	61.0	5,111
Kansas	10.9	6.8	10.9	19.5	1.8	0.6	49.2	4,447
Michigan	9.2	7.5	6.9	15.6	19.5	0.5	40.6	8,810
Minnesota	13.7	11.1	8.9	12.3	11.9	0.7	41.2	2,177
Missouri	10.0	8.0	10.0	15.9	3.4	1.1	51.4	2,578
Nebraska	12.6	5.3	9.2	16.0	4.6	1.3	49.5	968
North Dakota	5.9	6.6	4.9	12.7	27.5	0.2	42.2	574
Ohio	8.9	7.6	7.1	21.0	3.1	0.4	51.6	7,620
South Dakota	12.8	10.0	2.6	17.6	3.9	0.8	51.6	609
Wisconsin	12.0	8.2	8.4	8.7	2.4	0.6	59.6	4,766
MOUNTAIN	**8.6**	**10.6**	**11.0**	**17.4**	**11.8**	**1.6**	**38.8**	**7,807**
Colorado	12.2	10.5	11.9	26.0	3.6	0.9	34.5	2,615
Idaho	11.6	10.5	12.7	10.7	13.1	2.4	39.0	449
Montana	6.7	5.8	4.9	7.1	39.9	0.4	35.0	449
Nevada	11.5	9.3	9.9	18.1	9.3	1.1	40.7	182
Utah	5.5	10.0	11.7	13.8	14.2	2.2	42.3	3,694
Wyoming	10.8	22.2	4.1	13.9	11.5	0.7	36.8	418
PACIFIC	**4.6**	**9.4**	**6.6**	**16.4**	**4.2**	**2.1**	**56.5**	**41,368**
Alaska	1.5	20.9	6.3	4.4	21.8	0.5	44.7	206
California	4.8	10.0	7.4	17.4	3.3	1.3	55.5	29,506
Hawaii	0.9	3.3	1.8	0.3	2.3	14.5	76.9	2,325
Oregon	5.4	8.6	5.2	18.3	5.0	1.9	55.2	4,877
Washington	4.0	9.3	4.7	16.7	9.4	1.4	54.4	4,454
OTHER	**0.1**	**2.6**	**31.6**	**0.2**	**0.1**	**56.7**	**8.6**	**1,087**
Guam	0.1	0.1	–	0.1	0.1	87.1	12.3	707
Puerto Rico	–	7.6	90.3	0.3	–	–	1.8	380
Virgin Islands	–	–	–	–	–	–	–	–
ALL STATES	**9.3**	**10.1**	**14.0**	**14.8**	**5.0**	**1.2**	**45.1**	**226,782**

times higher than the share of Latin Americans in all states. By contrast, a strikingly small share of Florida's foreign students were South and East Asians, at 15% one of the lowest concentrations of this group in any state. Alabama, and to a lesser degree, Maryland and the District of Columbia drew disproportionately high numbers of Africans with 33%, 22% and 22% of their foreign students respectively, coming from this region.

Delaware was characterized by very high proportions of Asians (56%) and Europeans (14%) among its students, in direct contrast to the South overall. South Carolina (17%) and Virginia (13%) also attracted higher proportions of Europeans than the national average, while Arkansas (26%) and Tennessee (18%) had more Middle Easterners among their foreign students than all states combined.

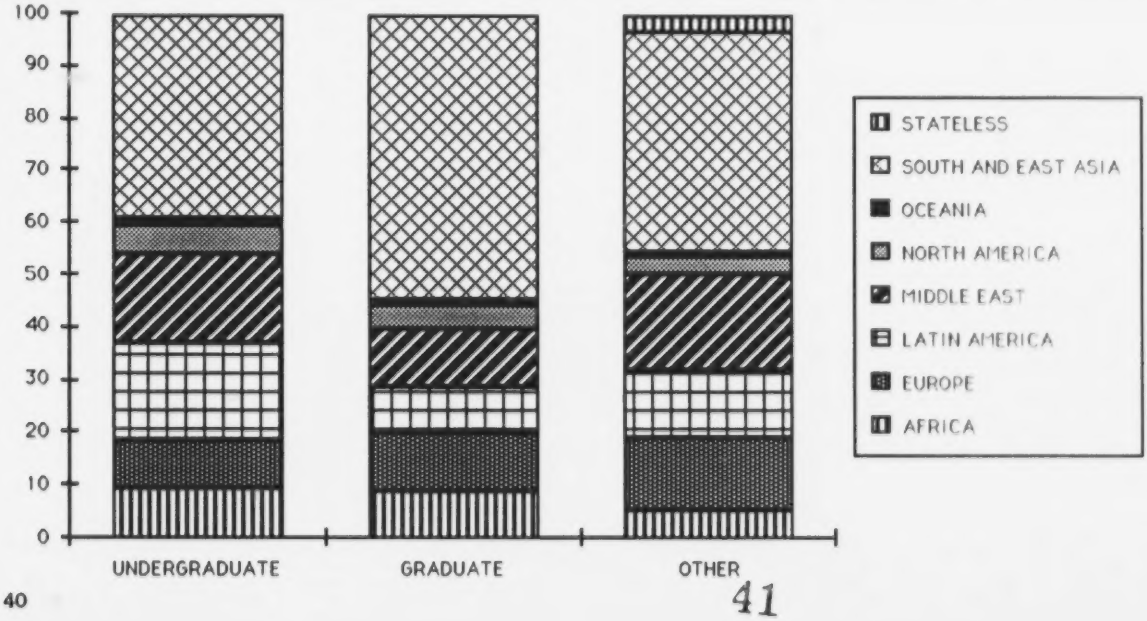
Southwest

The composition of the foreign student body with regard to region of origin in the Southwest was similar to the U.S. average in 1985/86, except for a slight underrepresentation of Europeans (7%) and a small overrepresentation of Middle Easterners (18%). Patterns in individual states varied. Arizona and Oklahoma had higher proportions of Middle Eastern students (25% and 23%) than the U.S. average. Oklahoma had a relatively large percentage (14%) of Africans among its students, but very few Europeans (4%) and North Americans (2%).

3.2 *World Region and Subregion of Origin of Foreign Students Within Academic Level, 1985/86*

WORLD REGION/ SUBREGION	ACADEMIC LEVEL (Percentages)			
	Undergraduate	Graduate	Other	All Levels
AFRICA	**9.5**	**9.2**	**5.2**	**9.3**
Eastern Africa	2.1	1.6	1.2	1.9
Central Africa	0.4	0.3	0.3	0.4
North Africa	1.1	2.7	1.3	1.7
Southern Africa	0.7	0.8	0.4	0.7
West Africa	5.1	3.8	2.0	4.6
EUROPE	**9.2**	**11.0**	**13.9**	**10.2**
Eastern Europe	0.3	0.6	1.0	0.5
Western Europe	8.9	10.3	12.9	9.7
LATIN AMERICA	**18.0**	**8.6**	**13.0**	**14.1**
Caribbean	5.2	1.4	1.2	3.5
Central America	5.1	2.4	4.3	4.0
South America	7.7	4.9	7.6	6.6
MIDDLE EAST	**17.1**	**11.1**	**18.2**	**14.8**
NORTH AMERICA	**5.7**	**4.3**	**3.4**	**5.0**
OCEANIA	**1.4**	**1.0**	**0.8**	**1.2**
SOUTH AND EAST ASIA	**38.6**	**54.5**	**42.4**	**45.1**
East Asia	14.6	34.9	26.8	23.2
South Central Asia	5.1	11.0	4.9	7.5
Southeast Asia	18.9	8.6	10.7	14.4
STATELESS	**0.4**	**0.3**	**3.2**	**0.3**
ALL REGIONS	**134,086**	**86,714**	**10,866**	**221,666**

3.A *World Region of Origin of Foreign Students Within Academic Level, 1985/86*



3.B *Field of Study of Foreign Students Within Academic Level, 1985/86*

Midwest

More than half of the Midwest's foreign student population (52%) consisted of South and East Asian students, the largest proportion of any U.S. region except the Pacific. Middle Easterners accounted for an additional 15%, and the remaining one third was comprised of approximately equal numbers of Africans, Europeans, Latin Americans, and North Americans. The representation of the Europeans (9%) was the lowest in any region except the Southwest, and the share of Latin Americans was the smallest except in the Pacific region. The proportions of Africans and Middle Easterners among foreign students in the Midwest were similar to the national average.

Disaggregated by state, foreign student patterns were quite diverse. The high proportion of Asians was partly due to their high concentration in Iowa (at 61%, one of the highest concentrations of a particular regional group anywhere in the United States), Illinois (60%), and Wisconsin (60%). In Minnesota (14%), Nebraska (13%), South Dakota (13%), and Wisconsin (12%) Africans accounted for more of the foreign students than in the U.S. overall, while strikingly large percentages of the foreign students in North Dakota, Michigan, and Minnesota (28%, 20% and 12%, respectively) were from North America.

Not one of the Midwest states' foreign student bodies included Latin Americans in proportions equal to the U.S. average. Particularly low was the representation of Latin Americans in South Dakota, comprising only 3% of this state's foreign students, in North Dakota, (5%), and in Michigan, (7%). Students from the Middle East were substantially underrepresented in Wisconsin, comprising only 9% of the foreign sudents there, but considerably overrepresented in Kansas and in Ohio (20% and 21% respectively).

Mountain

This region is characterized by below average proportions of South and East Asians (39%), the second lowest proportion after the South, and an above average share of students from the Middle East (17%), the second highest after the Southwest. North Americans were also overrepresented, constituting one-eighth of the foreign students in this region (12%), which is twice as high as the national average. Latin Americans were slightly underrepresented (11%), while the shares of Europeans, Africans, and Oceanians were about the same as their shares of the total foreign student body in the U.S.

Asians were particularly underrepresented in Colorado, Montana, and Wyoming (accounting for 35%, 35% and 37% of foreign students, respectively). Colorado was also notable for the very high proportions of Middle Easterners among its students (26%) and for the relatively minuscule share of North American students. With only 4% of North Americans among its foreign students, Colorado was the only state in this region with lower proportions of these students than the national average. Montana was most atypical in that four-tenths of its students (40%) were from North America, eight times the national average. Somewhat surprisingly, almost one-quarter of Wyoming's foreign students (22%) were from Europe.

3.3 *Field of Study of Foreign Students Within Academic Level, 1985/86*

FIELD OF STUDY	ACADEMIC LEVEL (Percentages)			
	Under-graduate	Graduate	Other	All Levels
Agriculture	1.3	3.8	0.9	2.2
Business & Mangmt	22.9	13.2	6.0	18.3
Education	2.6	5.1	1.6	3.5
Engineering	23.7	21.8	9.0	22.3
Fine and Applied Arts	5.3	3.8	5.7	4.7
Health Sciences	4.0	4.8	1.5	4.2
Humanities	2.1	6.7	5.3	4.1
Math & Computer Sci.	11.2	9.7	3.0	10.2
Physical & Life Sciences	4.8	12.9	2.0	7.8
Social Sciences	6.3	12.0	4.1	8.4
Other	8.1	4.3	4.3	6.4
Intensive English Lang.	0.4	0.1	38.7	2.1
Undeclared	7.5	1.7	18.1	5.7
ALL FIELDS	120,746	65,691	10,435	216,872

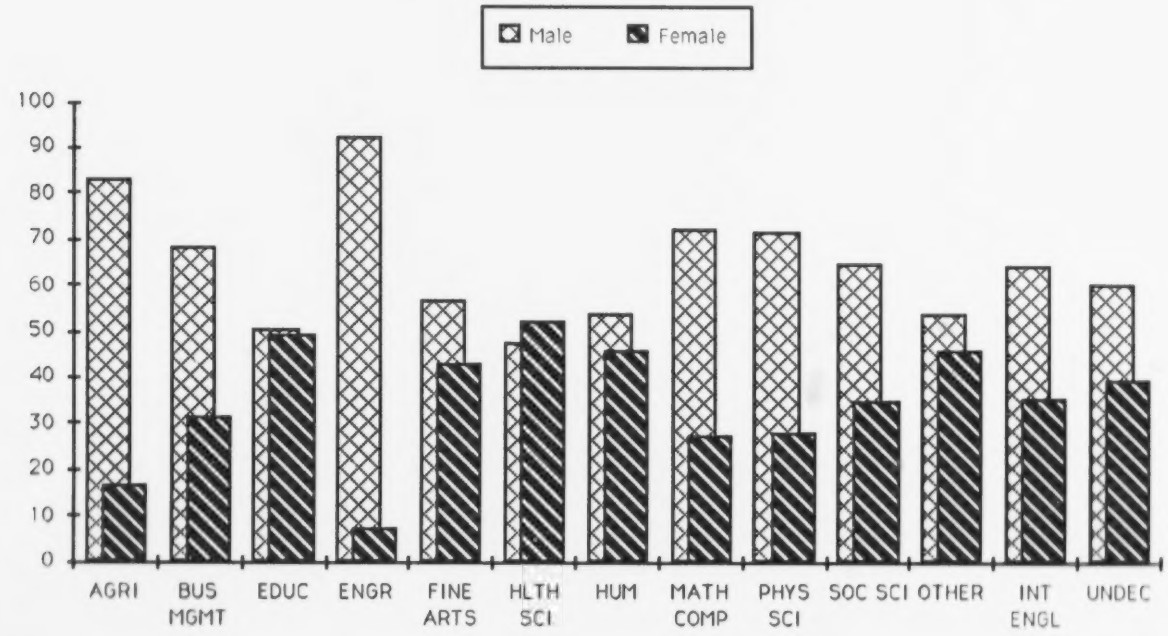
Pacific

Over half the foreign students in the Pacific region (57%) came from South and East Asia in 1985/86, the largest proportion in any U.S. region. Relatively few of the foreign students in this region were from Africa and Latin America (5% and 7% respectively). The proportion of Europeans was about the same as the national average (9%), and the share of Middle Easterners slightly above average (16%). This pattern held true for California, the U.S. state enrolling the most foreign students, as well as for Oregon. Understandably, most of Hawaii's foreign students came from South and East Asia (77%) and a disproportionately large number came from Oceania (15%). Alaska's and Washington's foreign student bodies not surprisingly included large proportions of Canadians (22% and 9% respectively).

EDUCATIONAL DESTINATIONS

We shall now examine the composition of the foreign student population by two academic destinations in the United states: academic level and field of study.

3.C *Gender of Foreign Students Within Field of Study, 1985/86*



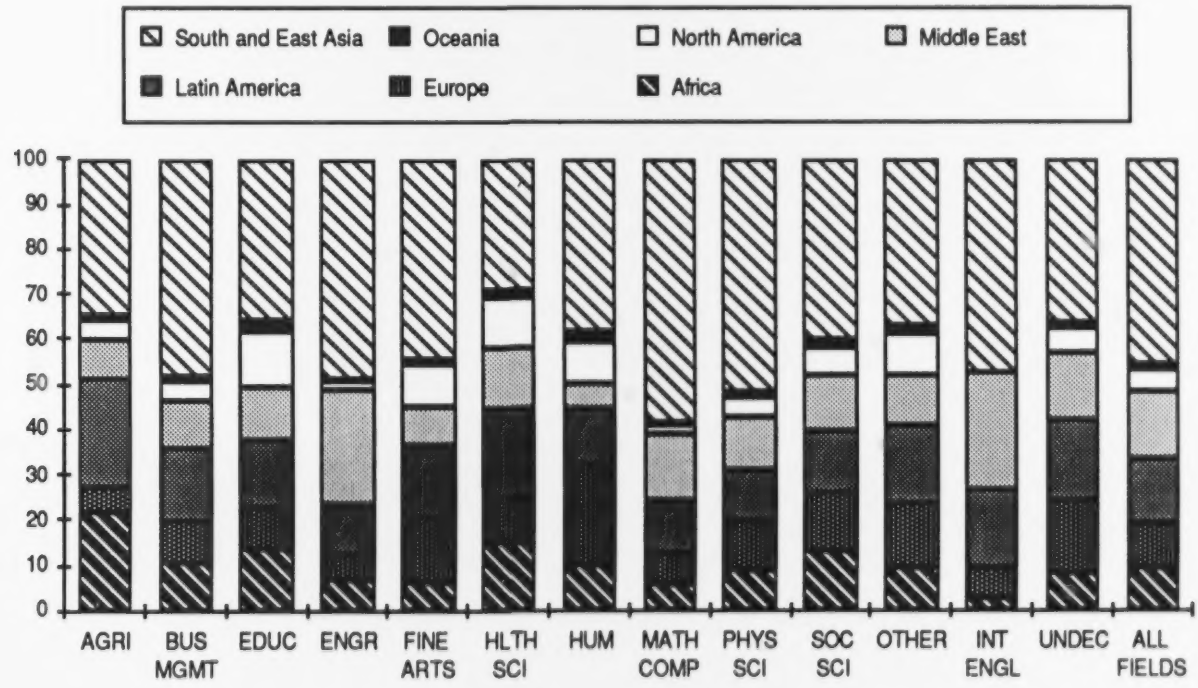
3.4 *Gender of Foreign Students Within Field of Study, 1985/86*

FIELD OF STUDY	GENDER (Percentages)		
	Male	Female	Number of Students
Agriculture	83.1	16.9	4,363
Business & Management	68.5	31.5	37,354
Education	50.6	49.4	7,006
Engineering	92.5	7.5	43,632
Fine and Applied Arts	56.9	43.1	9,394
Health Sciences	47.5	52.5	8,060
Humanities	53.8	46.2	7,810
Math & Computer Science	72.4	27.6	20,603
Physical & Life Sciences	71.9	28.1	15,251
Social Sciences	64.9	35.1	16,870
Other	54.2	45.8	12,746
Intensive English Language	64.5	35.5	4,296
Undeclared	60.3	39.7	10,736
ALL FIELDS	**139,506**	**58,613**	**198,121**

3.5 *Academic Level of Foreign Students Within Field of Study, 1985/86*

FIELD OF STUDY	ACADEMIC LEVEL (Percentages)			
	Under-graduate	Graduate	Other	Number of Students
Agriculture	31.1	66.9	2.0	4,861
Business & Managmt.	69.8	28.6	1.6	39,612
Education	40.7	57.1	2.2	7,592
Engineering	59.3	38.7	1.9	48,322
Fine and Applied Arts	62.6	31.6	5.8	10,249
Health Sciences	52.8	45.5	1.7	9,060
Humanities	29.1	64.6	6.3	8,821
Math & Computer Sci.	60.9	37.7	1.4	22,118
Physical & Life Sci.	33.7	65.0	1.2	17,015
Social Sciences	41.4	56.3	2.3	18,285
Other	70.1	26.7	3.2	13,935
Intensive English Lang.	9.5	2.1	88.3	4,571
Undeclared	72.8	12.0	15.2	12,431
ALL FIELDS	**55.7**	**39.5**	**4.8**	**216,872**

3.D *Academic Level of Foreign Students Within Field of Study, 1985/86*



3.6 *Academic Level of Foreign Students Within Field of Study Selected Years, 1963/64 - 1985/86*

FIELD OF STUDY[1]/ YEAR	ACADEMIC LEVEL (Percentages) Under-graduate	Graduate	Other	Number of Students
Agriculture				
1963/64	35.1	55.0	9.9	2,294
1969/70	28.6	65.0	6.4	3,667
1973/74	27.9	67.3	4.8	3,688
1979/80	44.5	53.1	2.4	4,494
1985/86	31.1	66.9	2.0	4,861
Business & Management				
1963/64	59.0	31.4	9.6	6,262
1969/70	60.0	34.2	5.8	15,587
1973/74	65.1	32.7	2.2	18,963
1979/80	64.2	33.6	2.2	23,968
1985/86	69.8	28.6	1.6	39,612
Education				
1963/64	47.0	40.4	12.6	3,946
1969/70	44.2	50.0	5.8	7,779
1973/74	36.2	60.2	3.6	5,957
1979/80	41.4	56.7	1.9	7,161
1985/86	40.7	57.1	2.2	7,592
Engineering				
1963/64	58.3	36.6	5.1	16,549
1969/70	48.5	47.8	3.7	29,731
1973/74	51.2	45.1	3.7	31,187
1979/80	69.7	29.1	1.2	37,786
1985/86	59.3	38.7	1.9	48,322
Health Sciences				
1963/64	45.3	41.6	13.1	4,989
1969/70	51.4	39.9	8.7	5,969
1973/74	67.7	29.6	2.7	8,588
1979/80	58.2	39.5	2.3	5,926
1985/86	52.8	45.5	1.7	9,060
Humanities				
1963/64	52.0	28.7	19.3	14,602
1969/70	55.1	29.4	15.5	26,508
1973/74	55.3	30.2	14.5	26,034
1979/80	63.0	32.3	4.7	14,297
1985/86	47.7	46.9	6.0	19,070
Physical & Life Sciences				
1963/64	35.5	59.9	4.6	13,129
1969/70	33.7	62.3	4.0	21,406
1973/74	37.4	60.4	2.2	19,878
1979/80	46.6	51.3	2.1	15,655
1985/86	49.0	49.6	1.3	39,133
Social Sciences				
1963/64	40.2	52.0	7.8	11,330
1969/70	42.2	51.2	6.6	17,272
1973/74	40.0	57.1	2.9	16,419
1979/80	44.5	53.0	2.5	15,144
1985/86	41.4	56.3	2.3	18,285
Other				
1963/64	76.1	4.2	19.7	644
1969/70	80.7	5.5	13.8	597
1973/74	80.6	11.9	7.5	520
1979/80	53.3	9.8	36.9	22,224
1985/86	62.2	17.2	20.6	30,937
ALL FIELDS				
1963/64	48.2	41.9	9.9	73,745
1969/70	47.4	45.3	7.3	128,516
1973/74	50.4	44.3	5.3	130,984
1979/80	58.1	36.2	5.7	150,878
1985/86	55.7	39.5	4.8	216,872

[1] *Field of Study categories in this table are those used from 1963-1974 and differ from those currently in use. The Humanities category includes data for architecture and fine arts; Physical and Life Sciences includes math; and Other includes Intensive English, undeclared fields and other non-delineated fields. 1979/80 and 1985/86 survey data have been adjusted to be compatible with these categories.*

Note that detailed analyses of foreign students within different fields of study and at different academic levels, not included in this chapter, can be found in **Appendices A.5-A.7.**

ACADEMIC LEVEL

Graduate Study

Nearly four-tenths (39%) of the foreign students in the United States in 1985/86 were graduate students as shown in **Table 2.8**. The most striking characteristic of this group is the numerical predominance of students from South and East Asia. (**Table 2.11**). Over half of all graduate students (55%) were from this region more than one-third (35%) coming from East Asia alone (**Table 3.2** and **Figure 3.A**). Middle Easterners and Europeans, each represented roughly 11%, while Africans and Middle Easterners comprised about 10% each, and Oceanians 1%.

The most popular field of study among graduate students was engineering; 22% of them enrolled in that field (**Table 3.3** and **Figure 3.B**). Other fields of study pursued by sizable proportions of foreign graduate students were business and management, enrolling 13%; the physical and life sciences, selected by 13%; and the social sciences which attracted 12%. Each of the other fields was chosen by less than 10% of the graduate students.

Undergraduate Study

The geographic origins of undergraduate foreign students were more diverse than those of graduate students (**Table 3.2** and **Figure 3.A**). Although the largest number again came from South and East Asia, they comprised less than four-tenths (39%) of all undergraduate foreign students. Latin America and the Middle East each sent 18% and 17% of the foreign undergraduate population respectively, twice as high as their proportion among graduate students. Of the remaining undergraduates, about 9% each were Africans and Europeans, 6% were North Americans, and 1% were Oceanians.

Analysis of the fields of study chosen by undergraduates, presented in **Table 3.3** and **Figure 3.B**, shows that nearly half of the undergraduate foreign students chose just two fields: business and management drew 23% and engineering attracted 24% of them. It is interesting to note that, while about equal proportions of graduate and undergraduate students studied engineering, nearly twice as many undergraduates as graduate students selected business and management. The only other field that attracted more than 10% of the undergraduate students was mathematics and computer sciences;

3.7 *World Region of Origin of Foreign Students Within Field of Study, 1985/86 and 1979/80*

FIELD OF STUDY	1985/86 WORLD REGION (Percentages)							Number of Students
	Africa	Europe	Latin America	Middle East	North America	Oceania	South and East Asia	
Agriculture	21.9	5.4	24.0	8.6	4.1	1.3	34.7	4,964
Business & Management	10.8	9.3	15.4	10.7	4.3	1.2	48.0	40,989
Education	13.6	9.0	14.8	12.1	11.9	2.7	35.7	7,799
Engineering	6.7	5.9	11.1	24.6	2.2	0.3	48.5	49,392
Fine and Applied Arts	6.4	14.3	15.8	8.6	9.2	1.3	44.3	10,873
Health Sciences	14.8	10.1	19.5	13.3	11.0	2.1	28.8	9,213
Humanities	9.8	22.5	12.4	5.2	9.3	2.5	38.1	8,974
Math & Computer Science	5.8	6.6	11.4	15.0	1.7	0.6	58.6	22,916
Physical & Life Sciences	8.6	10.9	11.1	12.2	4.3	0.9	51.7	17,428
Social Sciences	12.9	13.3	13.2	12.0	6.5	2.0	39.6	18,948
Other	9.6	14.1	17.2	10.9	9.2	1.7	36.9	14,199
Intensive English Language	2.8	6.5	16.8	25.8	0.2	0.2	46.8	4,591
Undeclared	8.2	15.9	17.3	15.1	5.6	0.8	36.3	12,779
ALL FIELDS	**9.3**	**10.1**	**14.0**	**14.8**	**5.0**	**1.1**	**45.3**	**223,065**

FIELD OF STUDY	1979/80 WORLD REGION (Percentages)							Number of Students
	Africa	Europe	Latin America	Middle East	North America	Oceania	South and East Asia	
Agriculture	27.8	4.5	31.0	11.4	3.8	1.8	19.7	4,494
Business & Management	15.5	7.5	13.5	21.7	4.6	1.7	35.5	23,968
Education	15.6	7.0	16.0	18.4	15.7	5.1	22.2	7,161
Engineering	10.2	5.0	11.9	47.1	1.8	0.3	23.7	37,786
Fine and Applied Arts	9.8	11.5	14.3	23.1	12.7	1.5	27.1	6,780
Health Sciences	18.6	8.9	14.5	18.7	9.9	3.2	26.2	5,926
Humanities	10.1	18.9	15.7	10.9	12.6	2.8	29.0	7,517
Math & Computer Science	7.8	7.3	9.9	30.0	2.1	0.9	42.0	7,286
Physical & Life Sciences	14.2	9.5	14.2	20.2	4.0	1.4	36.5	12,592
Social Sciences	17.3	11.0	13.6	21.1	6.9	2.5	27.6	13,660
Other	12.1	10.2	15.6	24.2	9.0	2.8	26.1	9,784
Intensive English Language	3.5	4.5	42.6	30.0	0.3	–	19.1	3,630
Undeclared	10.1	12.8	17.0	25.9	8.1	1.7	24.4	10,294
ALL FIELDS	**12.6**	**7.9**	**14.8**	**29.2**	**5.4**	**1.5**	**28.6**	**150,878**

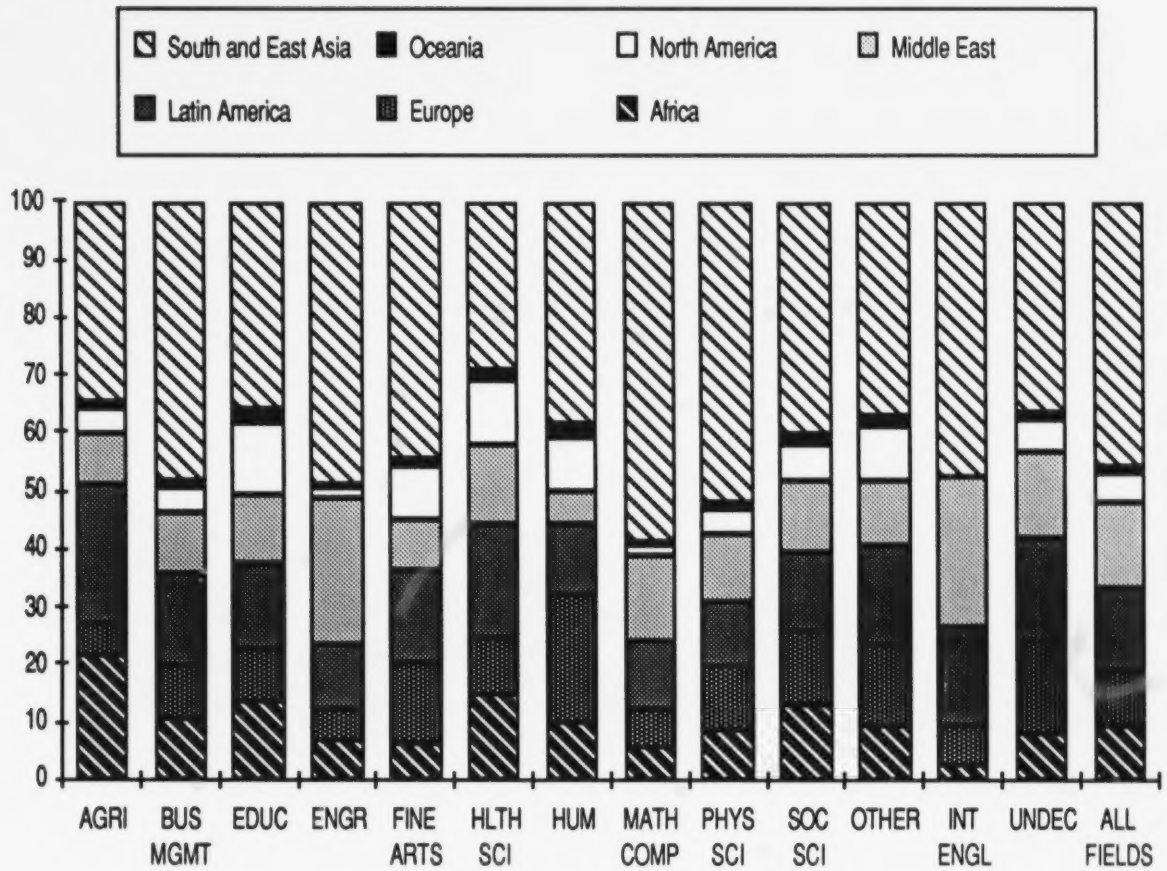
it was selected by 11% of them, just one percentage point more than by the graduate students. Conversely, undergraduates showed little preference for the physical and life sciences and the social sciences, which were popular among the graduate students.

FIELD OF STUDY

Engineering

Approximately one-fourth of foreign undergraduates (24%) and of foreign graduate students (22%) studied engineering in 1985/86 (**Table 3.3** and **Figure 3.B**). All but 8% of these students were males

3.E World Region of Origin of Foreign Students within Field of Study, 1985/86



(**Table 3.4** and **Figure 3.C**). Six out of ten (59%) were undergraduates (**Table 3.5** and **Figure 3.D**). Nearly one-half (49%) were from South and East Asia and an additional one-quarter (25%) from the Middle East. Latin Americans, the third-largest group of engineering students, made up a much smaller proportion (11%), while the other regions each represented less than 7% of engineering students (**Table 3.7** and **Figure 3.E**).

In terms of region of origin, graduate and undergraduate engineering students differed noticeably (**Table 3.8**). While South and East Asians constituted over six-tenths (61%) of the graduate students, they comprised only four tenths (40%) of the undergraduate engineering student population. The Middle East contributed only 17% of graduate students in engineering, but 30% of undergraduates. Latin America represented 14% of the undergraduates, but a scant 6% of the graduate students in this field.

Comparison of the academic-level proportions and the region of origin of engineering students with data from the past reveals significant changes over time. The share of graduate students, a little more than one-third in the mid-60's (37%), rose rapidly to a high of 48% by 1969. That share remained high until the mid-70's, then substantially declined to reach 29% by the end of the decade, only to rise once more in the 80's to nearly 40% (**Table 3.6**).

Since 1979, the regional origin of engineering students has changed dramatically. The proportion of students in this field who came from South and

3.8 *World Region of Origin and Academic Level of Foreign Students Within Field of Study, 1985/86*

FIELD OF STUDY	UNDERGRADUATE WORLD REGION (Percentages) Africa	Europe	Latin America	Middle East	North America	Oceania	South and East Asia	Number of Students
Agriculture	24.3	5.0	33.1	7.1	7.1	2.1	21.2	1,512
Business & Management	11.4	8.7	18.4	12.0	4.7	1.6	42.7	27,654
Education	14.2	12.7	20.4	7.9	16.6	4.2	23.5	3,090
Engineering	6.7	5.2	14.3	29.7	2.9	0.4	40.1	28,674
Fine and Applied Arts	5.8	12.7	19.7	8.8	8.5	1.2	43.2	6,419
Health Sciences	16.2	6.3	27.1	15.7	10.4	1.6	22.1	4,785
Humanities	8.3	20.1	17.3	6.2	11.6	1.8	34.4	2,568
Math & Computer Science	6.2	5.9	15.4	18.9	2.0	0.7	50.5	13,466
Physical & Life Sciences	11.2	10.7	17.2	19.9	6.0	1.2	33.2	5,742
Social Sciences	14.0	13.4	17.6	10.2	9.5	3.4	31.7	7,574
Other	9.5	13.8	20.3	12.0	10.1	1.8	32.0	9,774
Intensive English Lang.	5.7	4.6	20.2	21.1	0.7	0.2	47.2	4,36
Undeclared	8.2	15.0	20.2	14.9	6.2	0.7	34.3	90,52
ALL FIELDS	**9.5**	**9.2**	**17.9**	**17.2**	**5.8**	**1.3**	**38.6**	**120,746**

FIELD OF STUDY	GRADUATE WORLD REGION (Percentages) Africa	Europe	Latin America	Middle East	North America	Oceania	South and East Asia	Number of Students
Agriculture	20.8	5.7	20.1	9.2	2.7	1.1	40.4	3,250
Business/management	8.6	10.5	8.6	8.1	3.3	0.6	60.1	11,337
Education	13.1	6.1	10.9	15.2	8.3	1.8	44.3	4,336
Engineering	6.9	7.2	6.2	16.5	1.3	0.3	61.4	18,709
Fine and Applied Arts	8.4	14.4	9.2	8.9	10.8	1.5	46.6	3,240
Health Sciences	13.3	14.4	11.1	10.3	11.9	2.6	35.8	4,122
Humanities	10.9	23.7	10.2	4.7	8.4	2.8	39.2	5,701
Math/Computer Science	5.4	7.9	5.1	9.7	1.2	0.5	70.0	8,337
Physical/Life Sciences	7.1	10.9	7.9	8.0	3.5	0.7	61.7	11,066
Social Sciences	11.4	12.9	10.3	13.6	4.6	1.2	45.7	10,286
Other	10.2	13.2	10.0	8.5	6.9	1.6	49.2	3,716
Intensive English Language	1.0	5.1	7.1	12.2	–	–	73.5	98
Undeclared	9.0	16.3	6.0	13.1	5.7	0.7	48.3	1,493
ALL FIELDS	**9.2**	**10.9**	**8.7**	**11.2**	**4.3**	**1.0**	**54.5**	**85,691**

East Asia more than doubled in this period from 24% to 49%, while the proportion of students from the Middle East roughly halved from 47% to 25% (**Table 3.7** and **Figure 3.E**).

Engineering Subfields

Four major subfields of engineering drew the largest numbers of foreign students in 1985/86: electrical engineering, with 27% of the foreign engineering students; general engineering, with 15%; civil engineering, with 14%; and mechanical engineering, with 13% (**Table 3.9**).

The regional origins of students in the various subfields of engineering varied (**Table 3.11**). Relatively high proportions of general and civil engineering students were from the Middle East in 1985/86: about 30% in each subfield compared to only 25% of all engineering students were from this region.

3.9 Distribution of Foreign Students in Engineering and Business and Management Subfields, 1985/86

SUBFIELD	ENGINEERING Percent of Engineering Students	Percent of Students Reported	Number of Students Reported
General	14.6	3.2	7,206
Chemical	5.1	1.1	2,501
Civil	13.8	3.0	6,812
Electrical	26.6	5.8	13,114
Industrial	4.0	0.9	1,986
Mechanical	12.5	2.7	6,150
Other Engineering[1]	13.6	2.9	6,721
Engin.Technologies[2]	9.9	2.2	4,902
ALL SUBFIELDS	**100.0**	**21.8**	**49,392**
SUBFIELD	**BUSINESS & MANAGEMENT** **Percent of Bus and Mngt. Students**	**Percent of Students Reported**	**Number of Students Reported**
General	62.7	11.3	25,696
Accounting	9.0	1.6	3,690
Finance	6.5	1.2	2,656
Management	7.6	1.4	3,097
Marketing	6.5	1.2	2,658
Other Business	2.4	0.4	970
Office Administration	5.3	1.0	2,185
ALL SUBFIELDS	**100.0**	**18.1**	**40,952**

[1] *See Table 3.10 for a breakdown of the "Other Engineering" category.*
[2] *Data for this subfield appear here and in Tables 3.11 and A.6 only.*

3.10 Distribution of Foreign Students in Other Engineering Subfields, 1985/86

ENGINEERING SUBFIELD	Percent of Engineering Students	Number of Students Reported
Aerospace, aeronautical, and astronautical engineering	1.8	910
Petroleum engineering	1.7	820
Computer engineering	2.1	1,027
Agricultural engineering	1.1	521
Nuclear engineering	0.8	369
Engineering science	0.8	379
Materials engineering	0.6	314
Metallurgical engineering	0.6	314
Mining and mineral engineering	0.3	131
Architectural engineering	0.3	138
Bioengineering and biomedical engineering	0.8	378
Systems engineering	0.5	240
Environmental health engineering	0.4	186
Ocean engineering	0.3	158
Naval architecture and marine engineering	0.3	149
Engineering mechanics	0.2	96
Geological engineering	0.1	61
Ceramic engineering	0.2	104
Engineering physics	0.1	55
Textile engineering	–	10
Cartography	–	3
Geophysical engineering	–	19
Surveying and mapping sciences	–	15
Engineering, other	0.7	324
TOTAL,"OTHER ENGINEERING"	**13.6**	**6,721**

Conversely, relatively few (41%) of the students in general engineering were South and East Asian when compared to the South and East Asian average in engineering overall of 51%. The reverse was true of chemical engineering, where 12% of students were Middle Easterners and 61% from South and East Asia. Asians were slightly overrepresented among electrical engineering students, accounting for 56% of them. Compared to other fields, Latin Americans constituted large proportions of students in industrial engineering (18%) and engineering technologies (22%).

Business and Management

About one-fifth of all foreign students (18%) studied business and management in 1985/86, as shown in **Table 2.8**. 23% of undergraduates and 13% of graduate students chose this field of study (**Table 3.3** and **Figure 3.B**). A large proportion (69%) of these students were men (**Table 3.4** and **Figure 3.C**), but there were many more females in this field (32%) than in engineering. Many more of the business and management majors than engineering majors were studying at the undergraduate level: seven out of ten compared to six out of ten (**Table 3.5** and **Figure 3.D**). As in engineering, nearly one-half of the foreign students in business and management (48%) were from South and East Asia (**Table 3.7** and **Figure 3.E**). Latin Americans constituted the second largest group in this field, accounting for 15% of the students. Africans and Middle Easterners represented roughly 11% of the business and management students each, while Europeans accounted for about 9%. The proportion of Middle Easterners in this field is relatively low

3.11 *World Region of Origin of Foreign Students Within Engineering and Business and Management Subfields, 1985/86*

SUBFIELD	ENGINEERING WORLD REGION (Percentages) Africa	Europe	Latin America	Middle East	North America	Oceania	South and East Asia	Number of Students
General	6.3	5.1	11.3	35.0	1.2	0.3	40.9	7,151
Chemical	6.2	9.0	9.7	12.0	1.6	0.2	61.3	2,489
Civil	7.7	4.1	9.7	30.1	0.9	0.4	47.1	6,783
Electrical	5.3	5.8	8.2	23.2	1.3	0.2	56.0	13,071
Industrial	5.7	3.6	18.4	19.4	2.2	0.1	50.7	1,982
Mechanical	4.9	6.9	9.8	22.0	2.7	0.2	53.5	6,122
Other Engineering	7.0	8.7	10.2	19.5	4.0	0.3	49.7	6,721
Engineering Technologies[1]	12.8	4.7	21.6	25.0	5.2	1.2	31.5	4,902
ALL SUBFIELDS	**6.1**	**6.1**	**10.0**	**24.7**	**1.9**	**0.2**	**51.0**	**44,277**

SUBFIELD	BUSINESS AND MANAGEMENT WORLD REGION (Percentages) Africa	Europe	Latin America	Middle East	North America	Oceania	South and East Asia	Number of Students
General	9.8	9.5	14.5	12.1	4.3	1.1	48.6	25,651
Accounting	19.3	3.6	13.4	7.5	4.1	2.0	50.1	3,665
Finance	13.5	8.0	12.2	6.2	2.3	0.3	57.4	2,649
Management	6.2	15.3	15.6	9.8	4.1	1.4	47.6	3,067
Marketing	11.1	12.6	18.5	7.1	5.4	0.8	44.4	2,644
Other Business	14.0	7.1	12.8	13.8	5.8	3.3	43.1	969
Office Administration	10.1	6.8	30.5	9.1	5.0	2.4	36.1	2,176
ALL SUBFIELDS	**10.8**	**9.3**	**15.4**	**10.7**	**4.3**	**1.2**	**48.2**	**40,821**

[1] *Data for this subfield appear here and in Tables 3.9 and A.4 only.*

compared to their representation in other fields.

The geographic origins of graduate and undergraduate students in business and management were different (**Table 3.8**). Six-tenths of graduate students (60%) were from South and East Asia, while only four-tenths (43%) of undergraduates came from that region. In other regions, the ratios were reversed; 18% of undergraduates and 9% of graduate students were from Latin America, and 12% of the undergraduates were from the Middle East compared to 8% of graduate students.

The academic level composition of foreign students in business and management did not change greatly for two decades: the ratio of graduate students to undergraduates remained about the same (roughly 1 to 2) until 1979/80. Undergraduate percentages rose recently, however, and at present the ratio is 3:7 (**Table 3.6**). The proportion of business and management students who come from the Middle East has declined by almost one-half since 1979/80 (from 18% to 11%); South and East Asia's representation registered a substantial increase from 36% to nearly half of the foreign student population (48%) (**Table 3.7** and **Figure 3.E**).

Business and Management Subfields

Nearly two-thirds (63%) of the foreign students studying business and management in 1985/86 were enrolled in the subfield of general business and management. The next most popular subfield, accounting, attracted 9%, and another 8% were in management. The remaining subfields each at-

tracted student proportions of less than 7% (**Table 3.9**).

Looking at the region of origin of students within subfields, Africans were considerably overrepresented in accounting, constituting 19% of accounting students but only 11% of all students in the business and management field. Europeans and Latin Americans were proportionately somewhat underrepresented in accounting. Africans were underrepresented in the management subfield, while Europeans were overrepresented. The subfield of office administration was characterized by a strikingly high but decreasing proportion of students from Latin America (31%) and a comparatively very low but increasing proportion of South and East Asians (36%, **Table 3.11**).

Physical and Life Sciences

The field of physical and life sciences attracted 12% of the graduate students and 5% of the undergraduate students in 1985/86 (**Table 3.3** and **Figure 3.B**). Almost three-fourths of students in this field (72%) were men (**Table 3.4** and **Figure 3.C**). Compared to the other most popular fields of study, an unusually large proportion (65%) were attending graduate programs (**Table 3.5** and **Figure 3.D**). The distribution of students by region of origin (**Table 3.7** and **Figure 3.E**) was more variable than in other fields, although a predictably large proportion (52%) were from South and East Asia. Europeans, Latin Americans, and Middle Easterners each constituted roughly 11% to 12% of the students in the field.

In the physical and life sciences, relatively few undergraduates were Asians (33%, **Table 3.8**). Middle Easterners comprised about one-fifth of the undergraduates, Latin Americans 17%, and Africans and Europeans approximately 11% each. Among graduate students, South and East Asians again dominated (62%), while the only other group comprising more than one-tenth of students in this field was Europeans (11%).

Substantially more students in the physical and life sciences in 1985/86 were from South and East Asia than in 1979/80 (52% compared to 37%), and considerably fewer were from the Middle East (13% compared to 20%, **Table 3.7** and **Figure 3.E**). The proportion of graduate students in this field has declined gradually from 62% in 1969/70 to 51% in 1979/80 and to 50% in 1985/86. (**Table 3.6**).

APPENDICES

A. Detailed Cross-Tabulation

A.1 Disaggregate Academic Level of Foreign Students by World Region of Origin, 1985/86

WORLD REGION	ACADEMIC LEVEL (Percentages)				Students Reported
	Associate	Bachelor	Graduate	Other	
Africa	9.7	48.4	39.1	2.8	20,335
Europe	7.7	43.3	42.3	6.7	22,460
Latin America	25.2	46.3	24.0	4.5	31,220
Middle East	15.6	49.1	29.3	6.0	32,859
North America	10.2	53.1	33.4	3.3	11,225
Oceania	21.5	42.4	32.9	3.1	2,669
South and East Asia	7.8	40.2	47.4	4.6	99,720
ALL REGIONS	**11.9**	**44.0**	**39.1**	**4.9**	**220,488**

A.2 Academic Level of Foreign Students Within Field of Study by World Region and Leading Place of Origin, 1985/86

WORLD REGION/ LOCALITY	FIELD OF STUDY/ACADEMIC LEVEL (Percentages)								
	AGRICULTURE			BUSINESS AND MANAGEMENT			EDUCATION		
	Ugrad	Grad	Other	Ugrad	Grad	Other	Ugrad	Grad	Other
Africa	**34.4**	**63.3**	**2.3**	**75.6**	**23.3**	**1.1**	**42.8**	**55.4**	**1.9**
Nigeria	49.8	48.0	2.2	75.5	23.5	1.0	50.3	47.2	2.5
Egypt	6.0	92.9	1.2	48.9	48.2	2.9	9.1	88.6	2.3
Ethiopia	26.5	70.6	2.9	90.4	9.6	–	65.9	34.1	–
South Africa	36.8	63.2	–	70.7	27.1	2.2	36.3	61.5	2.2
Kenya	44.6	55.4	–	78.0	22.0	–	48.1	51.9	–
Europe	**29.1**	**70.5**	**0.4**	**65.1**	**31.9**	**2.9**	**57.8**	**38.8**	**3.4**
United Kingdom	24.3	73.0	2.7	69.0	27.8	3.3	59.1	36.0	4.9
Germany, F.R.	27.0	73.0	–	54.9	40.8	4.2	51.8	42.9	5.4
Greece	35.3	64.7	–	58.7	40.4	0.9	55.7	44.3	–
France	28.0	72.0	–	54.9	42.0	3.1	60.6	39.4	–
Italy	33.3	66.7	–	64.5	33.1	2.3	30.0	65.0	5.0
Latin America	**42.6**	**55.5**	**1.9**	**83.2**	**15.8**	**1.0**	**56.0**	**42.1**	**2.0**
Venezuela	65.2	34.1	0.6	84.5	13.9	1.6	49.6	47.4	2.9
Mexico	33.9	65.6	0.4	69.3	28.7	2.0	48.9	47.9	3.2
Colombia	50.5	46.8	2.8	81.1	18.3	0.6	42.0	55.1	2.9
Brazil	8.7	89.8	1.6	58.5	40.6	0.9	33.6	64.5	1.9
Trinidad & Tobago	70.6	29.4	–	82.5	16.4	1.1	55.9	43.0	1.1
Middle East	**25.9**	**72.6**	**1.5**	**77.3**	**21.3**	**1.4**	**26.3**	**71.1**	**2.6**
Iran	27.3	72.0	0.8	61.2	35.8	3.0	30.6	68.4	1
Lebanon	37.1	60.0	2.9	79.2	19.3	1.5	50.0	50.0	–
Saudi Arabia	27.4	72.6	–	80.3	17.5	2.2	11.9	84.1	4.1
Jordan	26.1	73.9	–	80.4	19.2	0.3	23.2	75.6	1.2
Kuwait	84.6	15.4	–	82.2	16.7	1.1	27.4	67.0	5.7
North America	**53.7**	**43.3**	**3.0**	**76.3**	**22.0**	**1.7**	**57.4**	**40.3**	**2.2**
Canada	53.5	43.4	3.0	75.0	23.1	1.9	56.6	41.0	2.3
Oceania	**47.0**	**53.0**	**–**	**85.8**	**13.8**	**0.4**	**61.4**	**38.1**	**0.5**
Australia	10.5	89.5	–	53.5	44.4	2.0	42.7	56.3	1.0
Pacific Is. Trust Terr.	100.0	–	–	96.5	3.5	–	86.4	13.6	–
South and East Asia	**19.2**	**78.4**	**2.4**	**62.4**	**36.0**	**1.6**	**25.8**	**71.1**	**2.1**
Taiwan	3.6	95.3	1.1	32.2	65.0	2.7	10.2	86.7	3.1
Malaysia	61.7	37.1	1.2	83.6	15.5	1.0	37.7	59.6	2.7
Korea, Rep. of	4.1	94.9	1.0	36.5	62.2	1.3	15.7	82.7	1.7
India	11.8	73.5	14.7	30.5	67.1	2.4	15.3	82.3	2.4
China	5.8	93.2	1.1	53.8	45.0	1.2	16.2	81.2	2.6
ALL REGIONS	**31.1**	**66.9**	**2.0**	**69.8**	**28.6**	**1.6**	**40.7**	**57.1**	**2.2**

A.2 (continued)

WORLD REGION/ LOCALITY	FIELD OF STUDY/ACADEMIC LEVEL (Percentages)								
	ENGINEERING			FINE AND APPLIED ARTS			HEALTH SCIENCES		
	Ugrad	Grad	Other	Ugrad	Grad	Other	Ugrad	Grad	Other
Africa	**58.4**	**39.7**	**1.9**	**56.0**	**41.1**	**2.9**	**57.6**	**40.8**	**1.6**
Nigeria	68.0	30.7	1.3	70.1	27.9	2.0	70.5	27.4	2.1
Egypt	36.9	60.8	2.4	21.9	76.6	1.6	16.3	82.7	1.0
Ethiopia	79.7	20.3	–	64.3	35.7	–	65.5	33.6	0.9
South Africa	55.9	42.3	1.8	48.6	45.8	5.6	37.6	59.1	3.2
Kenya	80.7	16.7	2.6	75.0	21.4	3.6	65.4	30.8	3.8
Europe	**51.3**	**46.4**	**2.3**	**56.2**	**32.1**	**11.7**	**32.9**	**65.1**	**2.0**
United Kingdom	57.5	39.8	2.7	55.3	36.8	7.9	44.5	51.0	4.5
Germany, F.R.	41.2	54.0	4.7	57.1	28.6	14.3	29.5	69.3	1.1
Greece	44.0	55.0	1.0	47.7	45.9	6.4	36.1	63.9	– ·
France	30.2	62.4	7.5	45.0	33.3	21.7	17.7	77.1	5.2
Italy	49.5	49.5	1.1	49.4	32.2	18.4	28.9	71.1	– ·
Latin America	**77.0**	**21.7**	**1.3**	**76.8**	**18.0**	**5.2**	**73.2**	**25.9**	**0.9**
Venezuela	86.0	13.1	0.9	82.6	15.0	2.4	81.5	18.5	– ·
Mexico	59.7	38.7	1.6	72.9	22.1	5.0	38.1	61.1	0.9
Colombia	72.5	25.9	1.6	77.9	18.2	3.9	66.9	31.5	1.5
Brazil	30.6	68.5	0.9	37.3	42.1	20.6	21.5	78.5	– ·
Trinidad & Tobago	86.4	12.4	1.2	82.6	17.4	–	64.8	34.5	0.7
Middle East	**72.1**	**26.0**	**1.8**	**62.8**	**32.3**	**4.9**	**62.9**	**35.7**	**1.3**
Iran	50.9	46.4	2.6	58.8	37.5	3.7	72.5	25.9	1.6
Lebanon	76.4	22.0	1.6	76.8	22.3	0.9	69.0	29.2	1.8
Saudi Arabia	79.4	16.6	4.0	43.3	56.7	–	33.3	66.7	– ·
Jordan	88.1	10.7	1.2	78.7	21.3	–	51.6	46.3	2.1
Kuwait	88.8	10.4	0.8	82.1	17.9	–	55.9	44.1	– ·
North America	**76.5**	**21.6**	**1.8**	**57.8**	**37.0**	**5.2**	**49.4**	**48.7**	**1.9**
Canada	76.2	22.2	1.6	57.2	37.8	5.0	48.1	49.9	1.9
Oceania	**62.7**	**35.4**	**1.9**	**57.6**	**35.6**	**6.8**	**40.7**	**57.1**	**2.1**
Australia	32.2	67.8	–	46.7	44.6	8.7	15.4	80.2	4.4
Pacific Is. Trust Terr.	98.5	–	1.5	100.0	–	–	87.1	12.9	– ·
South and East Asia	**49.0**	**48.9**	**2.1**	**61.7**	**33.6**	**4.8**	**40.7**	**57.0**	**2.3**
Taiwan	11.9	86.0	2.1	33.5	63.8	2.6	22.2	74.8	3.0
Malaysia	93.8	5.2	1.0	90.6	7.7	1.7	74.1	24.5	1.4
Korea, Rep. of	16.3	82.3	1.4	40.2	57.6	2.3	41.8	56.3	1.9
India	19.0	78.0	3.0	32.1	64.1	3.8	29.7	69.4	0.9
China	22.8	74.9	2.3	41.7	55.1	3.3	28.1	69.6	2.3
ALL REGIONS	**59.3**	**38.7**	**1.9**	**62.6**	**21.6**	**5.8**	**52.8**	**45.5**	**1.7**

A.2 *(continued)*

WORLD REGION/ LOCALITY	FIELD OF STUDY/ACADEMIC LEVEL (Percentages)								
	HUMANITIES			MATHEMATICS AND COMPUTER SCIENCES			PHYSICAL AND LIFE SCIENCES		
	Ugrad	Grad	Other	Ugrad	Grad	Other	Ugrad	Grad	Other
Africa	**24.9**	**72.1**	**3.0**	**65.1**	**34.7**	**0.2**	**44.8**	**54.3**	**0.9**
Nigeria	34.1	65.4	0.5	68.7	31.0	0.3	55.6	43.3	1.1
Egypt	11.5	80.3	8.2	39.1	60.2	0.8	11.8	87.4	0.8
Ethiopia	24.1	75.9	–	90.6	9.4	–	63.4	35.5	1.1
South Africa	28.4	70.6	0.9	60.3	39.7	–	53.4	46.6	– ·
Kenya	35.4	62.5	2.1	84.0	16.0	–	63.0	35.8	1.2
Europe	**25.8**	**67.8**	**6.4**	**54.1**	**44.6**	**1.3**	**32.8**	**64.4**	**2.9**
United Kingdom	34.6	62.2	3.2	60.5	38.1	1.4	32.5	63.1	4.4
Germany, F.R.	19.7	74.8	5.6	28.7	69.5	1.8	34.6	60.4	5.0
Greece	42.4	52.9	4.7	59.8	39.1	1.1	32.6	67.0	0.4
France	21.1	70.0	8.9	61.5	37.5	1.0	30.6	65.3	4.1
Italy	24.8	75.2	–	36.1	62.5	1.4	24.1	75.0	0.9
Latin America	**40.7**	**52.9**	**6.4**	**82.0**	**16.9**	**1.1**	**52.7**	**46.5**	**0.7**
Venezuela	41.7	50.0	8.3	91.1	7.5	1.4	53.1	46.9	– ·
Mexico	44.4	43.7	12.0	71.3	28.4	0.3	30.1	68.5	1.4
Colombia	33.3	54.4	12.3	75.1	23.3	1.6	51.9	46.2	1.9
Brazil	25.8	71.2	3.0	45.4	52.3	2.3	16.3	82.5	1.3
Trinidad & Tobago	54.5	39.4	6.1	91.9	7.5	0.6	77.9	22.1	– ·
Middle East	**34.4**	**58.8**	**6.8**	**75.5**	**23.9**	**0.6**	**55.7**	**43.4**	**0.9**
Iran	47.6	42.9	9.5	62.8	35.8	1.4	61.5	37.7	0.8
Lebanon	38.9	61.1	–	81.3	18.2	0.5	72.5	25.4	2.1
Saudi Arabia	16.3	72.5	11.3	86.9	13.1	–	49.0	50.3	0.7
Jordan	41.0	57.8	1.2	84.8	14.9	0.2	44.1	55.3	0.7
Kuwait	52.2	39.1	8.7	86.0	13.6	0.4	72.5	27.5	– ·
North America	**36.0**	**57.6**	**6.4**	**71.5**	**27.4**	**1.1**	**46.5**	**51.9**	**1.6**
Canada	34.5	58.9	6.6	68.9	29.9	1.2	46.2	52.2	1.5
Oceania	**21.6**	**73.9**	**4.6**	**70.1**	**28.4**	**1.5**	**45.9**	**49.3**	**4.7**
Australia	13.7	80.6	5.8	40.6	56.3	3.1	19.4	74.2	6.5
Pacific Is. Trust Terr.	100.0	–	–	100.0	–	–	94.7	5.3	– ·
South and East Asia	**26.4**	**66.7**	**6.9**	**52.8**	**45.3**	**1.8**	**21.6**	**77.4**	**0.9**
Taiwan	9.2	87.0	3.8	21.6	75.9	2.5	8.1	90.9	0.9
Malaysia	58.5	38.1	3.4	86.9	12.2	0.8	66.8	32.8	0.4
Korea, Rep. of	14.5	80.8	4.7	44.2	54.7	1.1	14.4	85.4	0.2
India	11.4	83.5	5.1	29.6	67.3	3.1	11.7	86.5	1.8
China	13.1	85.0	1.9	31.7	65.4	2.9	6.6	92.3	1.0
ALL REGIONS	**29.1**	**64.6**	**6.3**	**60.9**	**37.7**	**1.4**	**33.7**	**65.0**	**1.2**

A.2 *(continued)*

WORLD REGION/ LOCALITY	FIELD OF STUDY/ACADEMIC LEVEL (Percentages)								
	SOCIAL SCIENCES			OTHER			INTENSIVE ENGLISH		
	Ugrad	Grad	Other	Ugrad	Grad	Other	Ugrad	Grad	Other
Africa	**46.7**	**51.8**	**1.5**	**69.8**	**28.5**	**1.7**	**20.0**	**0.8**	**79.2**
Nigeria	61.1	38.1	0.8	76.2	22.6	1.3	50.0	–	50.0
Egypt	10.3	88.5	1.3	58.5	39.6	1.9	6.3	6.3	87.5
Ethiopia	34.5	59.8	5.7	84.4	15.6	–	10.0	–	90.0
South Africa	45.6	53.2	1.3	70.0	26.7	3.3	100.0	–	–
Kenya	62.0	38.0	–	76.9	23.1	–	50.0	–	50.0
Europe	**41.6**	**54.3**	**4.2**	**68.8**	**25.0**	**6.2**	**6.7**	**1.7**	**91.6**
United Kingdom	41.2	51.6	7.2	69.8	22.0	8.2	15.4	–	84.6
Germany, F.R.	32.7	61.8	5.5	71.9	20.2	7.9	21.4	–	78.6
Greece	39.2	59.3	1.5	65.0	33.3	1.7	–	–	100.0
France	52.2	45.2	2.6	60.4	28.3	11.2	5.8	3.8	90.4
Italy	38.0	59.9	2.1	64.5	30.0	5.5	4.0	–	96.0
Latin America	**54.7**	**43.4**	**1.8**	**82.6**	**15.4**	**1.9**	**11.4**	**0.9**	**87.7**
Venezuela	61.0	36.6	2.4	84.8	12.5	2.7	3.0	3.0	93.9
Mexico	39.6	59.4	0.9	78.1	21.1	0.8	17.7	–	82.3
Colombia	55.3	42.1	2.6	83.2	14.4	2.4	6.2	0.7	93.2
Brazil	30.0	68.3	1.7	65.3	32.3	2.4	5.2	3.4	91.4
Trinidad & Tobago	72.1	27.9	–	84.0	15.2	0.8	–	–	100.0
Middle East	**34.7**	**62.8**	**2.6**	**77.3**	**20.8**	**2.0**	**7.8**	**1.0**	**91.2**
Iran	30.7	67.9	1.4	81.6	16.7	1.7	3.3	0.6	96.1
Lebanon	51.7	46.9	1.4	83.2	12.8	3.9	6.7	–	93.3
Saudi Arabia	31.8	66.5	1.6	63.4	34.8	1.8	8.9	3.1	88.1
Jordan	32.4	64.4	3.2	81.8	15.5	2.7	4.2	–	95.8
Kuwait	30.7	53.6	15.7	80.3	17.2	2.5	15.7	–	84.3
North America	**59.0**	**39.0**	**2.1**	**76.4**	**19.8**	**3.9**	**27.3**	**–**	**72.7**
Canada	58.3	39.6	2.0	75.4	20.5	4.0	30.0	–	70.0
Oceania	**67.1**	**31.6**	**1.3**	**73.6**	**24.8**	**1.7**	**11.1**	**–**	**88.9**
Australia	26.4	71.1	2.5	53.2	42.6	4.3	50.0	–	50.0
Pacific Is. Trust Terr.	97.6	1.9	0.5	93.4	6.6	–	–	–	100.0
South and East Asia	**33.1**	**64.8**	**2.1**	**61.0**	**35.7**	**3.3**	**9.6**	**3.4**	**87.0**
Taiwan	9.5	88.7	1.8	31.9	64.7	3.4	8.7	12.7	78.6
Malaysia	63.4	33.7	2.9	82.5	17.0	0.5	4.8	15.2	80.0
Korea, Rep. of	20.1	78.3	1.6	42.9	54.4	2.7	6.7	1.2	92.1
India	19.8	79.3	0.9	43.9	52.0	3.6	66.7	–	33.3
China	11.7	86.5	1.8	34.5	63.4	2.1	2.5	5.0	92.6
ALL REGIONS	**41.4**	**56.3**	**2.3**	**70.1**	**26.7**	**3.2**	**9.5**	**2.1**	**88.3**

A.3 Gender of Foreign Students Within Field of Study by World Region and Leading Place of Origin, 1985/86

WORLD REGION/ LOCALITY	FIELD OF STUDY/GENDER (Percentages)									
	AGRICULTURE		BUSINESS AND MANAGEMENT		EDUCATION		ENGINEERING		FINE AND APPLIED ARTS	
	M	F	M	F	M	F	M	F	M	F
AFRICA	**88.7**	**11.3**	**77.8**	**22.2**	**68.1**	**31.9**	**94.2**	**5.8**	**78.2**	**21.8**
Nigeria	91.1	8.9	81.9	18.1	76.0	24.0	95.4	4.6	86.3	13.7
Egypt	92.6	7.4	86.4	13.6	81.4	18.6	94.7	5.3	85.0	15.0
Ethiopia	89.7	10.3	45.8	54.2	46.2	53.8	87.4	12.6	76.9	23.1
South Africa	76.5	23.5	74.5	25.5	45.0	55.0	92.1	7.9	55.1	44.9
Kenya	81.1	18.9	75.4	24.6	62.5	37.5	94.4	5.6	46.2	53.8
EUROPE	**76.6**	**23.4**	**71.6**	**28.4**	**42.0**	**58.0**	**90.0**	**10.0**	**57.5**	**42.5**
United Kingdom	67.6	32.4	67.7	32.3	45.7	54.3	89.4	10.6	56.9	43.1
Germany, F.R.	77.4	22.6	67.3	32.7	30.8	69.2	90.3	9.7	56.2	43.8
Greece	87.5	12.5	82.3	17.7	60.0	40.0	94.7	5.3	67.6	32.4
France	76.9	23.1	62.4	37.6	35.3	64.7	81.3	18.7	55.0	45.0
Italy	76.9	23.1	76.3	23.7	18.8	81.3	82.7	17.3	61	39.0
LATIN AMERICA	**82.4**	**17.6**	**60.1**	**39.9**	**35.8**	**64.2**	**87.8**	**12.2**	**55.1**	**44.9**
Venezuela	74.0	26.0	67.3	32.7	31.8	68.2	85.9	14.1	52.1	47.9
Mexico	91.4	8.6	72.4	27.6	44.8	55.2	90.0	10.0	63.0	37.0
Colombia	86.5	13.5	60.8	39.2	45.3	54.7	85.3	14.7	51.1	48.9
Brazil	80.3	19.7	74.0	26.0	37.8	62.2	91.0	9.0	61.3	38.7
Trinidad & Tobago	75.0	25.0	55.8	44.2	35.9	64.1	86.6	13.4	58.6	41.4
MIDDLE EAST	**90.0**	**10.0**	**88.1**	**11.9**	**71.0**	**29.0**	**95.8**	**4.2**	**71.4**	**28.6**
Iran	87.2	12.8	68.8	31.2	63.3	36.7	90.2	9.8	65.0	35.0
Lebanon	84.8	15.2	86.4	13.6	51.9	48.1	98.0	2.0	74.0	26.0
Saudi Arabia	98.1	1.9	95.5	4.5	87.9	12.1	99.2	0.8	94.0	6.0
Jordan	95.7	4.3	91.5	8.5	74.7	25.3	98.5	1.5	61.5	38.5
Kuwait	100.0	–	94.2	5.8	75.0	25.0	98.0	2.0	82.1	17.9
NORTH AMERICA	**73.9**	**26.1**	**68.1**	**31.9**	**49.7**	**50.3**	**91.1**	**8.9**	**52.2**	**47.8**
Canada	73.5	26.5	70.5	29.5	50.1	49.9	91.4	8.6	52.2	47.8
OCEANIA	**87.9**	**12.1**	**59.0**	**41.0**	**56.5**	**43.5**	**89.4**	**10.6**	**50.8**	**49.2**
Australia	81.3	18.8	77.2	22.8	52.1	47.9	84.0	16.0	50.	50.0
Pacific Is. Trust Terr.	100.0	–	54.8	45.2	60.5	39.5	94.1	5.9	66.7	33.3
SOUTH AND EAST ASIA	**80.3**	**19.7**	**64.7**	**35.3**	**44.5**	**55.5**	**92.0**	**8.0**	**52.4**	**47.6**
Taiwan	71.5	28.5	51.2	48.8	27.6	72.4	92.7	7.3	42.4	57.6
Malaysia	85.8	14.2	60.2	39.8	58.1	41.9	88.5	11.5	65.1	34.9
Korea, Rep. of	89.5	10.5	91.3	8.7	46.3	53.7	96.6	3.4	40.4	59.6
India	89.1	10.9	84.5	15.5	39.8	60.2	96.1	3.9	64.5	35.5
China	81.0	19.0	56.0	44.0	49.2	50.8	85.6	14.4	51.6	48.4
ALL REGIONS	**83.1**	**16.9**	**68.5**	**31.5**	**50.6**	**49.4**	**92.5**	**7.5**	**56.9**	**43.1**

A.3 *(continued)*

FIELD OF STUDY/GENDER (Percentages)													
HEALTH SCIENCES		HUMANITIES		MATH AND COMP SCIENCES		PHYSICAL AND LIFE SCIENCES		SOCIAL SCIENCES		OTHER		INTENSIVE ENGLISH	
M	F	M	F	M	F	M	F	M	F	M	F	M	F
55.8	**44.2**	**76.5**	**23.5**	**81.0**	**19.0**	**74.9**	**25.1**	**76.2**	**23.8**	**58.8**	**41.2**	**85.6**	**14.4**
56.0	44.0	78.4	21.6	84.8	15.2	74.2	25.8	81.1	18.9	58.0	42.0	57.1	42.9
61.3	38.7	66.0	34.0	86.6	13.4	82.5	17.5	76.1	23.9	76.6	23.4	93.8	6.3
42.1	57.9	72.0	28.0	67.3	32.7	59.3	40.7	62.4	37.6	46.4	53.6	95.0	5.0
68.1	31.9	73.2	26.8	73.1	26.9	65.5	34.5	47.4	52.6	50.9	49.1	50.0	50.0
51.4	48.6	68.9	31.1	61.8	38.2	68.1	31.9	64.4	35.6	40.5	59.5	100.0	–
50.8	**49.2**	**38.6**	**61.4**	**77.7**	**22.3**	**71.1**	**28.9**	**58.1**	**41.9**	**53.2**	**46.8**	**50.5**	**49.5**
46.2	53.8	47.1	52.9	71.6	28.4	69.7	30.3	58.6	41.4	56.9	43.1	92.3	7.7
46.7	53.3	37.5	62.5	78.6	21.4	71.2	28.8	58.7	41.3	56.1	43.9	38.5	61.5
62.3	37.7	33.8	66.2	86.6	13.4	79.3	20.7	68.0	32.0	72.7	27.3	64.3	35.7
43.5	56.5	24.1	75.9	65.3	34.7	73.6	26.4	52.4	47.6	41.4	58.6	42.3	57.7
69.0	31.0	38.5	61.5	80.9	19.1	70.7	29.3	58.8	41.2	49.5	50.5	56.4	43.6
35.7	**64.3**	**51.4**	**48.6**	**64.1**	**35.9**	**64.2**	**35.8**	**55.1**	**44.9**	**47.0**	**53.0**	**56.3**	**43.7**
40.0	60.0	39.7	60.3	67.5	32.5	65.0	35	52.6	47.4	48.1	51.9	47.4	52.6
51.9	48.1	58.2	41.8	73.7	26.3	82.1	17.9	63.4	36.6	54.4	45.6	57.2	42.8
33.1	66.9	42.9	57.1	61.4	38.6	66.2	33.8	53.0	47.0	40.6	59.4	54.5	45.5
43.9	56.1	48.7	51.3	75.2	24.8	69.1	30.9	57.6	42.4	49.1	50.9	53.7	46.3
41.2	58.8	51.7	48.3	59.9	40.1	59.2	40.8	35.6	64.4	33.3	66.7	50.0	50.0
60.6	**39.4**	**66.0**	**34.0**	**85.1**	**14.9**	**73.4**	**26.6**	**76.1**	**23.9**	**73.3**	**26.7**	**85.1**	**14.9**
52.4	47.6	59.1	40.9	73.7	26.3	63.9	36.1	59.8	40.2	53.9	46.1	67.9	32.1
70.0	30.0	45.8	54.2	92.2	7.8	85.6	14.4	74.8	25.2	74.6	25.4	91.3	8.7
90.9	9.1	75.0	25.0	94.0	6.0	86.0	14.0	94.0	6.0	85.3	14.7	83.1	16.9
68.2	31.8	85.7	14.3	92.9	7.1	85.1	14.9	81.9	18.1	85.2	14.8	95.7	4.3
69.7	30.3	89.5	10.5	93.4	6.6	82.5	17.5	80.8	19.2	90.3	9.7	90.2	9.8
35.9	**64.1**	**58.8**	**41.2**	**67.4**	**32.6**	**69.1**	**30.9**	**55.2**	**44.8**	**54.7**	**45.3**	**36.4**	**63.6**
36.4	63.6	58.6	41.4	69.2	30.8	69.4	30.6	55.8	44.2	55.3	44.7	40.0	60.0
52.3	**47.7**	**73.6**	**26.4**	**71.8**	**28.2**	**68.5**	**31.5**	**73.9**	**26.1**	**62.7**	**37.3**	**50.0**	**50.0**
60.0	40.0	77.7	22.3	81.5	18.5	61.5	38.5	60.2	39.8	57.5	42.5	50.0	50.0
33.9	66.1	50.0	50.0	64.8	35.2	81.1	18.9	82.5	17.5	66.4	33.6	33.3	66.7
48.8	**51.2**	**53.4**	**46.6**	**69.5**	**30.5**	**73.2**	**26.8**	**64.4**	**35.6**	**50.3**	**49.7**	**57.0**	**43.0**
42.1	57.9	37.6	62.4	64.0	36.0	73.3	26.7	56.5	43.5	37.5	62.5	56.1	43.9
48.0	52.0	39.7	60.3	53.1	46.9	59.5	40.5	54.2	45.8	50.0	50.0	66.7	33.3
48.2	51.8	71.4	28.6	81.7	18.3	79.4	20.6	84.0	16.0	62.2	37.8	77.6	22.4
61.1	38.9	58.8	41.2	83.6	16.4	75.3	24.7	54.9	45.1	59.4	40.6	66.7	33.3
49.0	51.0	58.5	41.5	71.4	28.6	76.3	23.7	65.2	34.8	57.8	42.2	56.0	44.0
47.5	**52.5**	**53.8**	**46.2**	**72.4**	**27.6**	**71.9**	**28.1**	**64.9**	**35.1**	**54.2**	**45.8**	**64.5**	**35.5**

A.4 Gender of Foreign Students Within Field of Study and Academic Level by World Region and Leading Place of Origin, 1985/86

WORLD REGION/ LOCALITY	UNDERGRADUATE									
	FIELD OF STUDY/GENDER (Percentages)									
	AGRICULTURE		BUSINESS AND MANAGEMENT		EDUCATION		ENGINEERING		FINE AND APPLIED ARTS	
	M	F	M	F	M	F	M	F	M	F
AFRICA	**86.6**	**13.4**	**76.1**	**23.9**	**63.2**	**36.8**	**93.6**	**6.4**	**78.4**	**21.6**
Nigeria	90.4	9.6	81.8	18.2	77.4	22.6	94.8	5.2	87.3	12.7
Egypt	100.0	–	89.1	10.9	75.0	25.0	96.7	3.3	78.6	21.4
Ethiopia	100.0	–	44.0	56.0	29.6	70.4	86.1	13.9	75.0	25.0
South Africa	85.7	14.3	74.8	25.2	45.2	54.8	93.3	6.7	64.5	35.5
Kenya	72.7	27.3	72.5	27.5	50.0	50.0	94.3	5.7	42.9	57.1
EUROPE	**77.5**	**22.5**	**67.8**	**32.2**	**39.2**	**60.8**	**90.7**	**9.3**	**53.0**	**47.0**
United Kingdom	66.7	33.3	63.1	36.9	40.9	59.1	90.1	9.9	56.6	43.4
Germany, F.R.	88.9	11.1	55.7	44.3	25.9	74.1	89.0	11.0	46.2	53.8
Greece	83.3	16.7	77.9	22.1	61.8	38.2	96.4	3.6	73.5	26.5
France	85.7	14.3	57.8	42.2	30.0	70.0	81.9	18.1	45.5	54.5
Italy	80.0	20.0	78.4	21.6	40.0	60.0	84.1	15.9	53.7	46.3
LATIN AMERICA	**82.1**	**17.9**	**56.6**	**43.4**	**33.7**	**66.3**	**87.8**	**12.2**	**53.7**	**46.3**
Venezuela	77.9	22.1	65.7	34.3	33.3	66.7	86.9	13.1	52.3	47.7
Mexico	95.3	4.7	67.2	32.8	32.6	67.4	90.8	9.2	53.0	47.0
Colombia	81.6	18.4	58.1	41.9	48.3	51.7	84.0	16.0	45.7	54.3
Brazil	72.7	27.3	66.4	33.6	36.4	63.6	89.4	10.6	61.9	38.1
Trinidad & Tobago	72.7	27.3	56.6	43.4	39.2	60.8	87.3	12.7	66.3	33.7
MIDDLE EAST	**89.9**	**10.1**	**88.5**	**11.5**	**68.7**	**31.3**	**96.6**	**3.4**	**69.5**	**30.5**
Iran	82.4	17.6	63.1	36.9	61.3	38.7	89.6	10.4	60.5	39.5
Lebanon	100.0	–	85.9	14.1	61.5	38.5	98.2	1.8	74.0	26.0
Saudi Arabia	93.8	6.3	96.5	3.5	86.2	13.8	99.0	1.0	88.9	11.1
Jordan	83.3	16.7	92.0	8.0	52.9	47.1	98.6	1.4	59.0	41.0
Kuwait	100.0	–	93.4	6.6	93.1	6.9	98.4	1.6	82.6	17.4
NORTH AMERICA	**78.8**	**21.2**	**67.5**	**32.5**	**48.5**	**51.5**	**91.2**	**8.8**	**49.6**	**50.4**
Canada	78.4	21.6	70.4	29.6	49.0	51.0	91.4	8.6	49.7	50.3
OCEANIA	**96.7**	**3.3**	**56.2**	**43.8**	**55.1**	**44.9**	**91.9**	**8.1**	**46.5**	**53.5**
Australia	100.0	–	73.8	26.2	52.5	47.5	88.9	11.1	36.6	63.4
Pacific Is. Trust Terr.	100.0	–	54.0	46.0	58.6	41.4	93.8	6.2	66.7	33.3
SOUTH AND EAST ASIA	**81.8**	**18.2**	**59.1**	**40.9**	**47.9**	**52.1**	**90.0**	**10.0**	**50.3**	**49.7**
Taiwan	90.0	10.0	39.1	60.9	22.0	78.0	87.2	12.8	25.0	75.0
Malaysia	86.7	13.3	57.3	42.7	59.5	40.5	88.2	11.8	64.6	35.4
Korea, Rep. of	75.0	25.0	87.3	12.7	38.0	62.0	90.6	9.4	35.9	64.1
India	86.7	13.3	80.9	19.1	15.8	84.2	94.9	5.1	49.1	50.9
China	54.5	45.5	47.1	52.9	54.5	45.5	84.5	15.5	42.7	57.3
ALL REGIONS	**83.5**	**16.5**	**65.2**	**34.8**	**48.2**	**51.8**	**92.0**	**8.0**	**54.6**	**45.4**

A.4 *(continued)*

UNDERGRADUATE													
FIELD OF STUDY/GENDER (Percentages)													
HEALTH SCIENCES		HUMANITIES		MATH AND COMP SCIENCES		PHYSICAL AND LIFE SCIENCES		SOCIAL SCIENCES		OTHER		INTENSIVE ENGLISH	
M	F	M	F	M	F	M	F	M	F	M	F	M	F
47.7	**52.3**	**61.5**	**38.5**	**78.2**	**21.8**	**64.2**	**35.8**	**70.1**	**29.9**	**53.5**	**46.5**	**76.0**	**24.0**
52.2	47.8	60.7	39.3	71.2	28.8	69.6	30.4	77.7	22.3	53.6	46.4	66.7	33.3
86.7	13.3	42.9	57.1	87.5	12.5	93.3	6.7	62.5	37.5	81.5	18.5	100.0	–
30.0	70.0	42.9	57.1	68.8	31.3	50.8	49.2	31.0	69.0	45.2	54.8	100.0	–
45.7	54.3	69.0	31.0	75.8	24.2	64.4	35.6	42.0	58.0	53.8	46.2	50.0	50.0
41.7	58.3	53.3	46.7	56.5	43.5	65.9	34.1	58.3	41.7	31.6	68.4	100.0	–
31.0	**69.0**	**30.0**	**70.0**	**75.2**	**24.8**	**62.5**	**37.5**	**57.7**	**42.3**	**51.1**	**48.9**	**50.0**	**50.0**
29.9	70.1	34.2	65.8	66.1	33.9	60.9	39.1	55.1	44.9	57.3	42.7	50.0	50.0
16.7	83.3	27.8	72.2	68.9	31.1	61.0	39.0	57.9	42.1	52.1	47.9	66.7	33.3
68.2	31.8	42.9	57.1	90.6	9.4	77.1	22.9	76.6	23.4	71.6	28.4	–	–
46.7	53.3	15.5	84.5	59.4	40.6	71.8	28.2	60.7	39.3	41.1	58.9	–	100.0
61.5	38.5	24.0	76.0	80.8	19.2	73.1	26.9	51.7	48.3	45.5	54.5	50.0	50.0
31.0	**69.0**	**42.4**	**57.6**	**61.8**	**38.2**	**56.4**	**43.6**	**45.9**	**54.1**	**45.8**	**54.2**	**61.4**	**38.6**
43.0	57.0	20.0	80.0	66.9	33.1	61.8	38.2	52.4	47.6	48.1	51.9	100.0	–
39.5	60.5	47.1	52.9	68.0	32.0	75.3	24.7	43.1	56.9	47.9	52.1	69.2	30.8
24.1	75.9	34.3	65.7	58.6	41.4	63.6	36.4	45.7	54.3	41.3	58.7	55.6	44.4
33.3	66.7	37.5	62.5	73.2	26.8	53.8	46.2	37.0	63.0	39.7	60.3	33.3	66.7
30.7	69.3	47.1	52.9	59.0	41.0	63.4	36.6	29.3	70.7	37.4	62.6	–	–
55.3	**44.7**	**62.3**	**37.7**	**85.8**	**14.2**	**68.0**	**32.0**	**71.9**	**28.1**	**72.5**	**27.5**	**77.8**	**22.2**
46.7	53.3	51.6	48.4	70.2	29.8	56.9	43.1	47.6	52.4	52.2	47.8	33.3	67.7
70.2	29.8	55.6	44.4	93.3	6.7	83.7	16.3	73.9	26.1	75.7	24.3	94.1	5.9
92.9	7.1	33.3	66.7	93.4	6.6	85.7	14.3	92.2	7.8	78.7	21.3	61.5	38.5
66.7	33.3	85.3	14.7	93.4	6.6	85.9	14.1	67.7	32.3	84.0	16.0	100.0	–
63.2	36.8	83.3	16.7	94.1	5.9	88.9	11.1	84.8	15.2	97.8	2.2	89.5	10.5
25.4	**74.6**	**52.7**	**47.3**	**68.1**	**31.9**	**68.5**	**31.5**	**53.3**	**46.7**	**55.4**	**44.6**	**66.7**	**33.3**
25.9	74.1	51.5	48.5	70.9	29.1	68.6	31.4	54.1	45.9	56.2	43.8	66.7	33.3
40.3	**59.7**	**55.6**	**44.4**	**62.4**	**37.6**	**69.7**	**30.3**	**78.0**	**22.0**	**61.4**	**38.6**	–	**100.0**
57.1	42.9	61.1	38.9	58.3	41.7	54.5	45.5	58.1	41.9	56.5	43.5	–	100.0
31.5	68.5	50.0	50.0	64.8	35.2	80.0	20.0	82.5	17.5	64.6	35.4	–	–
37.8	**62.2**	**39.8**	**60.2**	**65.5**	**34.5**	**63.4**	**36.6**	**53.2**	**46.8**	**47.1**	**52.9**	**48.3**	**51.7**
25.5	74.5	41.4	58.6	49.0	51.0	58.1	41.9	45.9	54.1	34.0	66.0	54.5	45.5
46.7	53.3	32.1	67.9	52.9	47.1	59.0	41.0	45.2	54.8	50.2	49.8	80.0	20.0
37.5	62.5	67.7	32.3	82.2	17.8	72.5	27.5	78.4	21.6	57.8	42.2	50.0	50.0
40.7	59.3	53.6	46.4	76.1	23.9	60.0	40.0	53.6	46.4	65.2	34.8	50.0	50.0
29.7	70.3	51.3	48.7	57.2	42.8	55.0	45.0	45.6	54.4	46.0	54.0	100.0	–
38.5	**61.5**	**43.4**	**56.6**	**70.1**	**29.9**	**63.5**	**36.5**	**57.7**	**42.3**	**52.3**	**47.7**	**58.6**	**41.4**

A.4 *(continued)*

WORLD REGION/ LOCALITY	GRADUATE									
	FIELD OF STUDY/GENDER (Percentages)									
	AGRICULTURE		BUSINESS AND MANAGEMENT		EDUCATION		ENGINEERING		FINE AND APPLIED ARTS	
	M	F	M	F	M	F	M	F	M	F
AFRICA	**89.5**	**10.5**	**83.7**	**16.3**	**72.2**	**27.8**	**95.2**	**4.8**	**78.7**	**21.3**
Nigeria	91.1	8.9	83.9	16.1	74.2	25.8	97.3	2.7	83.8	16.2
Egypt	91.9	8.1	84.1	15.9	81.6	18.4	93.5	6.5	86.7	13.3
Ethiopia	86.4	13.6	70.6	29.4	81.8	18.2	92.6	7.4	80.0	20.0
South Africa	70.0	30.0	74.4	25.6	47.8	52.2	89.7	10.3	44.8	55.2
Kenya	86.2	13.8	85.2	14.8	75.0	25.0	93.8	6.3	75.0	25.0
EUROPE	**76.4**	**23.6**	**79.3**	**20.7**	**48.5**	**51.5**	**89.4**	**10.6**	**60.6**	**39.4**
United Kingdom	66.7	33.3	76.1	23.9	55.4	44.6	88.3	11.7	63.2	36.8
Germany, F.R.	76.2	23.8	84.1	15.9	40.9	59.1	89.7	10.3	61.4	38.6
Greece	90.0	10.0	88.8	11.2	57.7	42.3	93.3	6.7	59.1	40.9
France	77.8	22.2	69.5	30.5	46.2	53.8	82.7	17.3	54.3	45.7
Italy	75.0	25.0	74.0	26.0	10.0	90.0	80.6	19.4	60.9	39.1
LATIN AMERICA	**81.5**	**18.5**	**76.2**	**23.8**	**38.0**	**62.0**	**87.5**	**12.5**	**56.6**	**43.4**
Venezuela	64.6	35.4	76.6	23.4	27.1	72.9	79.4	20.6	47.5	52.5
Mexico	89.1	10.9	83.8	16.2	56.8	43.2	88.8	11.2	88.6	11.4
Colombia	91.9	8.1	71.6	28.4	42.4	57.6	88.9	11.1	72.7	27.3
Brazil	80.4	19.6	84.3	15.7	38.7	61.3	91.5	8.5	51.2	48.8
Trinidad & Tobago	75.0	25.0	47.5	52.5	33.3	66.7	84.0	16.0	22.2	77.8
MIDDLE EAST	**89.7**	**10.3**	**86.5**	**13.5**	**71.9**	**28.1**	**93.8**	**6.2**	**73.9**	**26.1**
Iran	88.3	11.7	77.7	22.3	64.0	36.0	91.6	8.4	70.6	29.4
Lebanon	73.7	26.3	89.1	10.9	42.3	57.7	97.1	2.9	72.7	27.3
Saudi Arabia	100.0	–	91.4	8.6	89.3	10.7	100.0	–	97.9	2.1
Jordan	100.0	–	89.4	10.6	82.5	17.5	97.7	2.3	70.6	29.4
Kuwait	100.0	–	96.5	3.5	66.2	33.8	95.1	4.9	80.0	20.0
NORTH AMERICA	**71.2**	**28.8**	**74.8**	**25.2**	**53.9**	**46.1**	**91.9**	**8.1**	**54.7**	**45.3**
Canada	70.8	29.2	75.7	24.3	54.1	45.9	91.9	8.1	54.7	45.3
OCEANIA										
Australia	84.6	15.4	82.9	17.1	52.8	47.2	81.3	18.8	65.8	34.2
Pacific Is. Trust Terr.	–	–	66.7	33.3	72.7	27.3	–	–	–	–
SOUTH AND EAST ASIA	**79.2**	**20.8**	**74.9**	**25.1**	**42.9**	**57.1**	**94.1**	**5.9**	**53.2**	**46.8**
Taiwan	70.6	29.4	57.7	42.3	27.4	72.6	93.6	6.4	52.2	47.8
Malaysia	84.3	15.7	77.6	22.4	58.1	41.9	90.8	9.2	67.3	32.7
Korea, Rep. of	90.1	9.9	95.4	4.6	47.1	52.9	98.2	1.8	44.1	55.9
India	87.2	12.8	86.4	13.6	45.8	54.2	96.6	3.4	70.6	29.4
China	81.9	18.1	67.3	32.7	47.1	52.9	86.1	13.9	58.9	41.1
ALL REGIONS	**82.5**	**17.5**	**77.2**	**22.8**	**52.6**	**47.4**	**93.3**	**6.7**	**59.0**	**41.0**

A.4 *(continued)*

GRADUATE													
		FIELD OF STUDY/GENDER (Percentages)											
HEALTH SCIENCES		HUMANITIES		MATH AND COMP SCIENCES		PHYSICAL AND LIFE SCIENCES		SOCIAL SCIENCES		OTHER		INTENSIVE ENGLISH	
M	F	M	F	M	F	M	F	M	F	M	F	M	F
67.3	**32.7**	**83.2**	**16.8**	**87.3**	**12.8**	**82.5**	**17.5**	**81.7**	**18.3**	**72.4**	**27.6**	**100.0**	–
66.7	33.3	87.9	12.1	85.6	14.4	76.0	24.0	85.3	14.7	70.8	29.2	–	–
57.9	42.1	67.6	32.4	87.1	12.9	80.4	19.6	77.8	22.2	73.7	26.3	100.0	–
63.9	36.1	83.3	16.7	60.0	40.0	76.7	23.3	78.0	22.0	57.1	42.9	–	–
84.9	15.1	76.1	23.9	68.4	31.6	67.6	32.4	52.1	47.9	45.8	54.2	–	–
71.4	28.6	85.2	14.8	92.3	7.7	70.4	29.6	71.8	28.2	75.0	25.0	–	–
64.7	**35.3**	**42.3**	**57.7**	**81.4**	**18.6**	**75.7**	**24.3**	**58.5**	**41.5**	**60.5**	**39.5**	**20.0**	**80.0**
65.5	34.5	54.6	45.4	81.7	18.3	73.6	26.4	62.6	37.4	66.7	33.3	–	–
64.7	35.3	40.6	59.4	83.0	17.0	79.5	20.5	58.5	41.5	66.7	33.3	–	–
56.7	43.3	23.7	76.3	81.7	18.3	79.9	20.1	61.8	38.2	73.5	26.5	–	–
35.7	64.3	25.3	74.7	76.7	23.3	73.5	26.5	45.7	54.3	38.8	61.2	50.0	50.0
75.0	25.0	43.7	56.3	80.5	19.5	69.9	30.1	62.0	38.0	55.6	44.4	–	–
50.0	**50.0**	**59.5**	**40.5**	**75.7**	**24.3**	**73.9**	**26.1**	**66.6**	**33.4**	**53.2**	**46.8**	**14.3**	**85.7**
27.3	72.7	53.3	46.7	73.0	27.0	68.4	31.6	51.0	49.0	48.6	51.4	33.3	66.7
61.3	38.7	69.4	30.6	88.0	12.0	84.9	15.1	79.1	20.9	79.5	20.5	–	–
52.8	47.2	42.0	58.0	70.3	29.7	72.6	27.4	60.9	39.1	40.6	59.4	–	100.0
46.7	53.3	54.9	45.1	77.4	22.6	73.0	27.0	65.8	34.2	65.0	35.0	–	100.0
60.9	39.1	70.0	30.0	66.7	33.3	44.4	55.6	50.0	50.0	11.1	88.9	–	–
71.0	**29.0**	**68.2**	**31.8**	**82.1**	**17.9**	**79.8**	**20.2**	**78.4**	**21.6**	**75.5**	**24.5**	**75.0**	**25.0**
70.3	29.7	65.4	34.6	78.4	21.6	74.4	25.6	63.9	36.1	59.7	40.3	100.0	–
69.0	31.0	40.0	60.0	86.9	13.1	89.7	10.3	76.0	24.0	65.2	34.8	–	–
89.8	10.2	88.5	11.5	98.0	2.0	87.5	12.5	94.9	5.1	97.2	2.8	88.9	11.1
67.6	32.4	85.7	14.3	89.1	10.9	83.8	16.2	88.7	11.3	86.4	13.6	–	–
75.0	25.0	100.0	–	88.9	11.1	57.1	42.9	80.0	20.0	57.9	42.1	–	–
48.3	**51.7**	**67.7**	**32.3**	**68.1**	**31.9**	**70.1**	**29.9**	**58.7**	**41.3**	**55.2**	**44.8**	**–**	**–**
48.3	51.7	67.7	32.3	67.8	32.2	70.5	29.5	58.9	41.1	55.0	45.0	–	–
64.0	**36.0**	**81.0**	**19.0**	**100.0**	**–**	**67.2**	**32.8**	**65.5**	**34.5**	**68.4**	**31.6**	**–**	**–**
64.3	35.7	82.9	17.1	100.0	–	62.2	37.8	62.0	38.0	62.2	37.8	–	–
50.0	50.0	–	–	–	–	100.0	–	100.0	–	85.7	14.3	–	–
57.6	**42.4**	**59.0**	**41.0**	**74.8**	**25.2**	**76.0**	**24.0**	**70.8**	**29.2**	**56.6**	**43.4**	**29.2**	**70.8**
47.7	52.3	37.2	62.8	68.8	31.2	74.8	25.2	58.1	41.9	40.1	59.9	31.3	68.8
48.4	51.6	48.1	51.9	56.6	43.4	60.6	39.4	70.1	29.9	49.2	50.8	18.8	81.3
57.5	42.5	72.1	27.9	81.9	18.1	80.5	19.5	85.7	14.3	66.2	33.8	50.0	50.0
69.0	31.0	60.5	39.5	86.8	13.2	77.1	22.9	54.5	45.5	57.0	43.0	–	–
57.4	42.6	60.4	39.6	78.3	21.7	77.7	22.3	69.1	30.9	64.3	35.7	66.7	33.3
59.3	**40.7**	**59.6**	**40.4**	**76.7**	**23.3**	**76.3**	**23.7**	**70.5**	**29.5**	**60.3**	**39.7**	**33.7**	**66.3**

A.5 *World Region of Origin of Foreign Students Within Academic Level, 1985/86*

WORLD REGION	ACADEMIC LEVEL BACHELOR (Percentages) Freshman	Sophomore	Junior	Senior	Unspecified	Students Reported
Africa	16.5	16.9	20.5	26.2	19.9	9,849
Europe	22.4	17.2	17.5	20.0	22.9	9,714
Latin America	19.6	17.2	18.9	26.1	18.2	14,454
Middle East	19.5	18.1	18.6	26.0	17.9	16,120
North America	23.3	22.9	21.4	21.5	10.9	5,962
Oceania	15.5	12.5	9.9	9.5	52.5	1,132
South and East Asia	20.4	18.7	19.0	22.9	19.0	40,048
ALL REGIONS	**20.1**	**18.2**	**19.0**	**23.7**	**19.1**	**97,279**

WORLD REGION	GRADUATE (Percentages) Master's	Doctoral	Professional Training	Unspecified	Students Reported
Africa	45.1	29.6	5.2	20.1	7,948
Europe	41.5	27.9	5.7	25.0	9,497
Latin America	48.5	26.3	5.5	19.7	7,495
Middle East	46.3	30.3	2.8	20.7	9,635
North America	39.5	30.5	9.0	21.1	3,747
Oceania	30.0	35.5	7.7	26.7	879
South and East Asia	47.2	28.6	1.9	22.3	47,254
ALL REGIONS	**45.9**	**28.7**	**3.4**	**22.0**	**86,455**

WORLD REGION	OTHER (Percentages) Practical Training	Nondegree	Intensive English Language	Students Reported
Africa	26.5	52.8	20.8	563
Europe	13.8	67.6	18.5	1,510
Latin America	16.2	31.7	52.1	1,416
Middle East	12.4	30.0	57.6	1,973
North America	40.2	57.6	2.2	368
Oceania	30.1	60.2	9.6	83
South and East Asia	22.3	32.6	45.1	4,609
ALL REGIONS	**19.3**	**39.2**	**41.5**	**10,522**

A.6 World Region and Leading Place of Origin of Foreign Students Within Engineering Subfields, 1985/86

WORLD REGION/ LOCALITY	ENGINEERING SUBFIELD (Percentages)								Number of Students Reported
	General	Chemical	Civil	Electrical	Industrial	Mechanical	Other Engin.	Engin. Technologies	
AFRICA	**14.2**	**4.8**	**16.3**	**21.6**	**3.5**	**9.5**	**14.9**	**15.1**	**3,185**
Nigeria	10.0	5.8	15.6	16.6	5.4	7.0	11.6	28.1	848
Egypt	18.6	1.8	22.4	22.6	1.8	13.6	14.8	4.2	499
Ethiopia	29.1	2.7	8.1	19.6	2.7	9.5	6.8	21.6	148
South Africa	12.3	12.3	14.2	20.8	–	15.1	15.1	10.4	106
Kenya	16.7	6.1	10.5	28.9	7.0	7.9	11.4	11.4	114
EUROPE	**12.7**	**7.8**	**9.8**	**26.7**	**2.5**	**14.8**	**20.6**	**4.9**	**2,884**
United Kingdom	13.3	7.3	10.3	32.3	4.3	12.0	12.8	7.6	368
Germany, F.R.	11.6	8.4	5.5	23.6	3.6	21.8	19.6	5.8	275
Greece	14.7	12.2	10.6	24.2	1.8	16.0	16.4	4.1	727
France	11.0	7.6	12.4	28.6	2.1	19.0	16.2	3.1	290
Italy	9.1	5.7	9.1	25.0	5.7	10.2	27.3	8.0	88
LATIN AMERICA	**15.6**	**4.6**	**12.7**	**20.7**	**7.0**	**11.6**	**13.2**	**14.6**	**5,189**
Venezuela	15.1	2.2	11.7	16.6	6.1	14.7	13.4	20.1	1,261
Mexico	14.0	6.9	11.1	19.5	9.0	15.1	16.1	8.4	478
Colombia	19.1	2.9	16.7	17.2	8.6	9.8	13.2	12.5	408
Brazil	9.1	2.6	15.1	23.7	2.6	11.6	27.6	7.8	232
Trinidad & Tobago	12.7	3.9	11.4	22.7	2.6	8.3	14.8	23.6	229
MIDDLE EAST	**20.9**	**2.5**	**17.1**	**25.4**	**3.2**	**11.2**	**11.0**	**8.7**	**11,953**
Iran	17.0	3.2	12.4	30.2	2.8	14.2	11.3	8.9	2,927
Lebanon	20.2	1.9	23.3	26.1	2.2	11.9	8.0	6.5	2,130
Saudi Arabia	11.8	3.5	15.8	19.3	3.3	13.1	15.4	17.8	1,149
Jordan	31.7	1.5	20.7	23.3	2.4	8.0	7.5	5.0	1,825
Kuwait	25.6	1.7	10.6	17.4	9.3	5.4	13.1	16.9	858
NORTH AMERICA	**8.9**	**4.0**	**5.9**	**17.6**	**4.3**	**16.9**	**26.8**	**15.6**	**991**
Canada	8.9	4.1	5.8	17.5	4.5	17.2	27.4	14.6	966
OCEANIA	**13.4**	**4.0**	**18.8**	**14.1**	**0.7**	**7.4**	**14.1**	**27.5**	**149**
Australia	11.1	5.6	16.7	25.9	–	9.3	22.2	9.3	54
Pacific Is. Trust Terr.	14.3	–	17.9	1.8	1.8	3.6	7.1	53.6	56
SOUTH AND EAST ASIA	**12.4**	**6.5**	**13.6**	**31.0**	**4.3**	**13.9**	**14.1**	**4.3**	**23,585**
Taiwan	5.1	9.6	12.5	29.8	5.4	17.3	17.1	3.2	3,925
Malaysia	14.2	4.4	28.8	26.0	3.3	12.6	6.9	3.8	4,729
Korea, Rep. of	9.9	7.4	7.8	25.8	4.5	17.5	24.0	3.0	2,094
India	7.4	12.1	8.6	28.4	5.8	16.6	18.2	2.7	3,482
China	13.8	4.7	7.7	35.8	1.5	16.7	16.3	3.5	1,990
ALL REGIONS	**14.9**	**5.2**	**14.2**	**27.3**	**4.1**	**12.8**	**13.9**	**7.6**	**47,896**

A.7 World Region and Leading Place of Origin of Foreign Students Within Business and Management Subfields, 1985/86

WORLD REGION/ LOCALITY	BUSINESS AND MANAGEMENT SUBFIELD (Percentages)							Students Reported
	General	Accounting	Finance	Management	Marketing	Other Business	Office Admin.	
AFRICA	**56.9**	**16.0**	**8.1**	**4.3**	**6.6**	**3.1**	**5.0**	**4,422**
Nigeria	52.2	18.6	9.8	2.9	8.3	2.6	5.5	2,381
Egypt	72.7	3.6	2.2	12.2	5.8	2.9	0.7	139
Ethiopia	65.3	17.1	3.6	3.6	3.1	0.5	6.7	193
South Africa	64.3	11.4	4.9	8.6	5.4	4.9	0.5	185
Kenya	65.0	12.8	5.7	4.0	5.7	2.7	4.0	297
EUROPE	**64.1**	**3.5**	**5.6**	**12.3**	**6.8**	**1.8**	**3.9**	**3,810**
United Kingdom	65.9	7.3	4.4	9.6	5.5	2.5	4.7	634
Germany, F.R.	58.6	3.1	4.9	21.3	6.2	2.8	3.1	389
Greece	67.6	2.1	5.8	10.4	8.3	2.8	3.1	327
France	65.7	1.8	4.1	11.0	14.4	0.7	2.3	562
Italy	56.6	4.0	6.9	14.5	10.4	1.2	6.4	173
LATIN AMERICA	**59.1**	**7.8**	**5.2**	**7.6**	**7.8**	**2.0**	**10.6**	**6,281**
Venezuela	63.1	2.0	4.7	7.2	10.6	2.9	9.4	1,028
Mexico	70.5	4.7	5.6	8.1	7.5	1.1	2.5	570
Colombia	64.8	1.7	4.8	9.4	10.8	1.7	6.7	520
Brazil	61.9	2.5	9.3	15.7	3.4	3.0	4.2	236
Trinidad & Tobago	48.3	18.6	6.6	11.0	7.2	2.4	5.9	290
MIDDLE EAST	**71.2**	**6.3**	**3.8**	**6.9**	**4.3**	**3.1**	**4.5**	**4,378**
Iran	68.3	7.2	2.7	7.2	3.0	5.9	5.7	473
Lebanon	69.6	3.0	6.1	9.8	4.3	3.5	3.7	540
Saudi Arabia	76.1	6.1	2.8	6.1	2.5	3.9	2.4	786
Jordan	71.1	6.1	3.8	7.1	5.1	2.0	4.9	608
Kuwait	81.4	3.8	2.2	2.4	3.3	1.3	5.6	549
NORTH AMERICA	**63.3**	**8.5**	**3.5**	**7.2**	**8.2**	**3.2**	**6.2**	**1,760**
Canada	64.5	8.1	3.4	7.2	8.0	3.3	5.4	1,643
OCEANIA	**55.3**	**14.5**	**1.4**	**6.4**	**3.9**	**6.3**	**10.2**	**510**
Australia	63.6	10.1	6.1	10.1	5.1	1.0	4.0	99
Pacific Is. Trust Terr.	49.6	17.2	0.3	9.0	3.2	8.5	12.2	343
SOUTH AND EAST ASIA	**63.4**	**9.3**	**7.7**	**7.4**	**6.0**	**2.1**	**4.0**	**19,660**
Taiwan	64.3	16.3	2.9	10.0	2.6	1.9	1.9	1,799
Malaysia	53.1	13.7	13.7	4.6	7.0	1.7	6.3	4,218
Korea, Rep. of	64.7	6.7	7.0	11.6	4.8	2.4	2.8	1,903
India	73.9	4.6	4.9	8.1	3.4	2.3	2.9	1,751
China	67.7	11.8	2.6	9.2	5.0	1.6	2.0	684
ALL REGIONS	**62.8**	**9.0**	**6.5**	**7.5**	**6.5**	**2.4**	**5.3**	**40,821**

B. Step 2/Step 3 Comparisons

Appendix B presents the numbers and percentages of students from each country or place, continental subregion, and world region for whom data were reported in the Annual Census and the Individual Data (**Step 3**) survey. Brief explanations of the column headings are provided to make the table clearer:

STEP3
TOTAL
The number of students from each country or other place, continental subregion, and world region for whom data were reported in the **Step 3** survey.

ST3
AS %
OF
WORLD
The students from a given locality as a percentage of all students reported on in the **Step 3** survey.

STEP2
TOTAL
The number of students from each locality for whom **Step 2** data were reported in the Annual Census.

ST2
AS %
OF
WORLD
The students from a given locality as a percentage of all students reported in the Annual Census.

ST3
AS %
OF
ST2
The students from a given locality for whom data were reported in the **Step 3** survey as a percentage of students from the same locality for whom data were reported in the Annual Census.

	LOCATION	TOTALS				
	COUNTRY/ SUB REGION/ REGION	STEP3 TOTAL	ST3 AS % OF WORLD	STEP2 TOTAL	ST2 AS % OF WORLD	ST3 AS % OF ST2
1	EASTERN AFRICA, UNSPECIFIED	1	0	3	0	33
2	DJIBOUTI	10	0	15	0	67
3	BURUNDI	29	0	36	0	81
4	COMOROS	9	0	3	0	300
5	ETHIOPIA	1097	0	1665	1	66
6	KENYA	1136	0	1476	1	77
7	MADAGASCAR	31	0	49	0	63
8	MALAWI	103	0	248	0	42
9	MAURITIUS	70	0	108	0	65
10	MOZAMBIQUE	3	0	3	0	100
11	ZIMBABWE	337	0	390	0	86
12	RWANDA	22	0	24	0	92
13	SEYCHELLES	6	0	7	0	86
14	SOMALIA	377	0	588	0	64
15	TANZANIA	401	0	445	0	90
16	UGANDA	275	0	342	0	80
17	ZAMBIA	316	0	376	0	84
18	EASTERN AFRICA	4223	2	5778	2	73
19	ANGOLA	18	0	27	0	67
20	CAMEROON	628	0	967	0	65
21	CENTRAL AFRICAN REPUBLIC	12	0	14	0	86
22	CHAD	12	0	23	0	52
23	CONGO	8	0	11	0	73
24	EQUATORIAL GUINEA	6	0	8	0	75
25	GABON	25	0	30	0	83
26	SAO TOME & PRINCIPE	2	0	6	0	33
27	ZAIRE	181	0	239	0	76
28	CENTRAL AFRICA	892	0	1325	0	67
29	ALGERIA	572	0	667	0	86
30	CANARY ISLANDS	1	0	0	0	0
31	EGYPT	1473	1	1941	1	76
32	LIBYA	492	0	656	0	75
33	MOROCCO	499	0	681	0	73
34	WESTERN SAHARA	3	0	2	0	150
35	SUDAN	431	0	534	0	81
36	TUNISIA	440	0	654	0	67
37	NORTH AFRICA	3916	2	5135	2	76
38	SOUTHERN AFRICA	1	0	1	0	100
39	SOUTHERN AFRICA, UNSPECIFIED	4	0	0	0	0
40	BOTSWANA	163	0	190	0	86
41	LESOTHO	58	0	93	0	62
42	NAMIBIA	91	0	74	0	123
43	SOUTH AFRICA	1231	1	1535	1	80
44	SWAZILAND	101	0	132	0	77
45	SOUTHERN AFRICA	1649	1	2025	1	81

	LOCATION	TOTALS				
	COUNTRY/ SUB REGION/ REGION	STEP3 TOTAL	ST3 AS % OF WORLD	STEP2 TOTAL	ST2 AS % OF WORLD	ST3 AS % OF ST2
1	WEST AFRICA, UNSPECIFIED	15	0	9	0	167
2	CAPE VERDE	44	0	83	0	53
3	BENIN	13	0	15	0	87
4	GAMBIA	134	0	162	0	83
5	GHANA	805	0	1057	0	76
6	GUINEA	44	0	48	0	92
7	GUINEA-BISSAU	13	0	17	0	76
8	IVORY COAST	180	0	232	0	78
9	LIBERIA	630	0	872	0	72
10	MALI	68	0	90	0	76
11	MAURITANIA	20	0	49	0	41
12	NIGER	62	0	52	0	119
13	NIGERIA	7938	3	11770	4	67
14	SENEGAL	115	0	153	0	75
15	SIERRA LEONE	273	0	389	0	70
16	TOGO	46	0	55	0	84
17	BOURKINA FASSO	29	0	27	0	107
18	WEST AFRICA	10429	5	15080	5	69
19	AFRICA, UNSPECIFIED	22	0	2	0	100
20	AFRICA REGION UNSPECIFIED	22	0	2	0	100
21	AFRICA	21131	9	29345	10	72
	EAST ASIA	0	0	2	0	0
	EAST ASIA, UNSPECIFIED	0	0	1	0	0
22	CHINA	9061	4	11998	4	76
23	TAIWAN	14985	7	20401	7	73
24	HONG KONG	7220	3	9193	3	79
25	JAPAN	9561	4	11467	4	83
26	KOREA,DEMOCRATIC PEOPLES REPUB	37	0	93	0	40
27	KOREA, REPUBLIC OF	11973	5	16012	5	75
28	MACAO	94	0	114	0	82
	MONGOLIA	0	0	1	0	0
29	EAST ASIA	52934	23	69282	23	76
30	SOUTH CENTRAL ASIA	24	0	3	0	800
31	AFGHANISTAN	59	0	127	0	46
32	BANGLADESH	1225	1	1658	1	74
33	BHUTAN	8	0	12	0	67
34	INDIA	10569	5	13791	5	77
35	MALDIVES	3	0	6	0	50
36	NEPAL	331	0	337	0	98
37	PAKISTAN	3565	2	4666	2	76
38	SRI LANKA	1202	1	1541	1	78
	TIBET	0	0	1	0	0
39	SOUTH CENTRAL ASIA	16985	7	22142	8	77
40	SOUTH-EAST ASIA	8	0	0	0	0
41	BRUNEI	26	0	29	0	90

LOCATION	TOTALS				
COUNTRY/ SUB REGION/ REGION	STEP3 TOTAL	ST3 AS % OF WORLD	STEP2 TOTAL	ST2 AS % OF WORLD	ST3 AS % OF ST2
1 BURMA	132	0	175	0	75
2 INDONESIA	5617	2	7048	2	80
3 CAMBODIA	110	0	341	0	32
4 LAOS	314	0	339	0	93
5 MALAYSIA	15255	7	19758	7	77
6 PHILIPPINES	2580	1	3364	1	77
7 PORTUGUESE TIMOR	5	0	0	0	0
8 SINGAPORE	3109	1	3369	1	92
9 THAILAND	4270	2	5954	2	72
10 VIETNAM	1506	1	2803	1	54
11 SOUTH-EAST ASIA	32932	14	43180	15	76
MIDDLE EAST	0	0	1	0	0
12 MIDDLE EAST, UNSPECIFIED	2	0	0	0	0
13 BAHRAIN	301	0	365	0	82
14 CYPRUS	1334	1	1834	1	73
15 IRAN	8684	4	12198	4	71
16 IRAQ	869	0	1152	0	75
17 ISRAEL	1537	1	2229	1	69
18 JORDAN	4154	2	5652	2	73
19 KUWAIT	2504	1	3274	1	76
20 LEBANON	4575	2	6087	2	75
21 OMAN	378	0	479	0	79
22 QATAR	473	0	619	0	76
23 SAUDI ARABIA	4646	2	5925	2	78
24 SYRIA	1341	1	1839	1	73
25 TURKEY	1637	1	2109	1	78
26 UNITED ARAB EMIRATES	823	0	989	0	83
27 RAS AL KHAIMAH	1	0	0	0	0
28 YEMEN ARAB REPUBLIC	346	0	464	0	75
29 YEMEN, PEOPLE'S DEM. REP.	43	0	34	0	126
30 MIDDLE EAST	33646	15	45250	15	74
31 ASIA, UNSPECIFIED	2	0	0	0	0
32 ASIA REGION UNSPECIFIED	2	0	0	0	0
33 ASIA	136500	60	179854	61	76
34 BULGARIA	14	0	25	0	56
35 CZECHOSLOVAKIA	51	0	80	0	64
36 GERMAN DEMOCRATIC REP.	34	0	79	0	43
37 HUNGARY	85	0	141	0	60
38 POLAND	455	0	599	0	76
39 ROMANIA	48	0	60	0	80
40 U. S. S. R.	41	0	83	0	49
41 YUGOSLAVIA	360	0	453	0	79
42 EASTERN EUROPE	1088	0	1520	1	72
ANDORRA	0	0	2	0	0
43 AUSTRIA	264	0	344	0	77

LOCATION	TOTALS				
COUNTRY/ SUB REGION/ REGION	STEP3 TOTAL	ST3 AS % OF WORLD	STEP2 TOTAL	ST2 AS % OF WORLD	ST3 AS % OF ST2
1 BELGIUM	498	0	639	0	78
2 DENMARK	381	0	469	0	81
3 FINLAND	395	0	478	0	83
4 FRANCE	2526	1	3161	1	80
5 GERMANY, FED. REP. OF	3227	1	4060	1	79
6 GIBRALTAR	3	0	0	0	0
7 GREECE	2604	1	3809	1	68
8 VATICAN CITY	3	0	1	0	300
9 ICELAND	429	0	489	0	88
10 IRELAND	683	0	885	0	77
11 ITALY	1237	1	1618	1	76
12 LIECHTENSTEIN	4	0	3	0	133
13 LUXEMBOURG	17	0	39	0	44
14 MALTA	37	0	33	0	112
15 MONACO	5	0	9	0	56
16 NETHERLANDS	997	0	1211	0	82
17 NORWAY	1385	1	1560	1	89
18 PORTUGAL	347	0	469	0	74
19 SPAIN	1154	1	1495	1	77
20 SWEDEN	956	0	1204	0	79
21 SWITZERLAND	651	0	853	0	76
22 UNITED KINGDOM	4147	2	5097	2	81
23 WESTERN EUROPE	21950	10	27928	9	79
24 EUROPE	23033	10	29448	10	78
25 CARIBBEAN, UNSPECIFIED	143	0	93	0	154
26 BAHAMAS	1131	0	1385	0	82
27 BARBADOS	226	0	295	0	77
28 CAYMAN ISLANDS	47	0	34	0	138
29 CUBA	1132	0	1216	0	93
30 DOMINICAN REPUBLIC	487	0	628	0	78
31 GUADELOUPE	1	0	2	0	50
32 HAITI	979	0	1151	0	85
33 JAMAICA	1425	1	1811	1	79
34 LEEWARD ISLANDS	6	0	3	0	200
35 ANTIGUA	88	0	104	0	85
36 BRITISH VIRGIN ISLANDS	67	0	71	0	94
37 MONTSERRAT	4	0	7	0	57
38 ST. KITTS-NEVIS	19	0	22	0	86
39 ANGUILLA	2	0	3	0	67
40 MARTINIQUE	9	0	7	0	129
41 NETHERLANDS ANTILLES	458	0	523	0	88
42 TRINIDAD & TOBAGO	1585	1	1927	1	82
43 TURKS & CAICOS ISLANDS	14	0	9	0	156
44 WINDWARD ISLANDS	5	0	1	0	500
45 DOMINICA	32	0	38	0	84

LOCATION	TOTALS				
COUNTRY/ SUB REGION/ REGION	STEP3 TOTAL	ST3 AS % OF WORLD	STEP2 TOTAL	ST2 AS % OF WORLD	ST3 AS % OF ST2
1 GRENADA	94	0	142	0	66
2 ST. LUCIA	45	0	44	0	102
3 ST. VINCENT	23	0	17	0	135
4 CARIBBEAN	8022	4	9533	3	84
5 CENTRAL AMERICA, UNSPECIFIED	3	0	1	0	300
6 BELIZE	194	0	201	0	97
7 COSTA RICA	461	0	619	0	74
8 EL SALVADOR	820	0	982	0	84
9 GUATEMALA	521	0	606	0	86
10 HONDURAS	804	0	931	0	86
11 MEXICO	3663	2	4682	2	78
12 NICARAGUA	1405	1	1541	1	91
13 PANAMA	1163	1	1368	0	85
14 CENTRAL AMERICA	9034	4	10931	4	83
15 SOUTH AMERICA, UNSPECIFIED	5	0	1	0	500
16 ARGENTINA	855	0	1131	0	76
17 BOLIVIA	705	0	856	0	82
18 BRAZIL	1893	1	2438	1	78
19 CHILE	778	0	992	0	78
20 COLOMBIA	2729	1	3439	1	79
21 ECUADOR	711	0	924	0	77
22 FALKLAND ISLANDS	1	0	1	0	100
23 FRENCH GUIANA	5	0	14	0	36
24 GUYANA	322	0	416	0	77
25 PARAGUAY	115	0	135	0	85
26 PERU	1408	1	1763	1	80
27 SURINAME	136	0	190	0	72
28 URUGUAY	171	0	239	0	72
29 VENEZUELA	5090	2	6042	2	84
30 SOUTH AMERICA	14924	7	18581	6	80
31 LATIN AMERICA	31980	14	39045	13	82
32 BERMUDA	458	0	532	0	86
33 CANADA	10997	5	13227	4	83
34 NORTH AMERICAN REGION	11455	5	13759	5	83
35 NORTH AMERICA	11455	5	13759	5	83
36 AUSTRALIA	988	0	1313	0	75
37 NEW ZEALAND	334	0	433	0	77
38 AUSTRALIA + NEW ZEALAND	1322	1	1746	1	76
39 SOLOMON ISLANDS	2	0	3	0	67
40 COOK ISLANDS	5	0	7	0	71
41 FIJI	54	0	119	0	45
42 FRENCH POLYNESIA	34	0	43	0	79
43 KIRIBATI	4	0	2	0	200
44 NAURU	2	0	1	0	200
45 NEW CALEDONIA	2	0	2	0	100

	LOCATION	TOTALS				
	COUNTRY/ SUB REGION/ REGION	STEP3 TOTAL	ST3 AS % OF WORLD	STEP2 TOTAL	ST2 AS % OF WORLD	ST3 AS % OF ST2
1	PAPUA-NEW GUINEA	26	0	26	0	100
2	NIUE	2	0	0	0	0
3	PACIFIC ISLANDS, TRUST TER.	1181	1	1301	0	91
4	TONGA	22	0	108	0	20
5	WALLIS + FUTUNA ISLANDS	1	0	1	0	100
6	WESTERN SAMOA	45	0	102	0	44
7	PACIFIC OCEAN ISLAND AREAS	1380	1	1715	1	80
8	OCEANIA	2702	1	3461	1	78
9	STATELESS	628	0	162	0	388
10	COUNTRY UNKNOWN	532	0	0	0	0
11	STATELESS REGION	1160	1	162	0	716
12	STATELESS OR UNKNOWN	1160	1	162	0	716
13	******** FINAL TOTALS *******	227966	100	295074	100	77

C. Selected Characteristics of Foreign Students by Country or Other Place, Subregion, and World Region of Origin

Appendix C consists of three tables containing more detailed information than the tables in the main body of *Profiles*.

Table C.1 is the most complex of the three. It presents the number and percentage of all students for whom data were reported in the **Step 3** survey from each country or other place (e.g., Tanzania), continental subregion (e.g., Eastern Africa), and world region of origin (e.g., Africa), categorized by Field and Subfield of Study. It also shows students in each major field as a percentage of all foreign students from a given country or other place/subregion/region. The example in the diagram below will make this breakdown clear.

In **Table C.1**, the **major fields of study** are presented in alphabetical order, followed by the categories "Other Fields of Study" and "Intensive English." The major fields are: Agriculture; Business and Management; Education; Engineering and Related Technologies; Fine and Applied Arts; Health Professions; Humanities; Mathematics and Computer Sciences; Physical and Life Sciences; and Social Science. The reader who wishes to locate all students from a given country in all fields of study must take individual data from each field-of-study listing.

Table C.2, which begins on page 109, presents the number and percentage of students for whom data were reported in the **Step 3** survey from each country, continental subregion, and world region of origin, categorized by **gender**. It also shows the total number of students from a given country or other place/subregion/region and the total percentage for whom information was provided on gender.

Table C.3, which begins on page 115, presents the number and percentage of students for whom data were reported in the Step 3 survey from each country or other place, continental subregion, and world region of origin, categorized by **academic level**. It also shows the total number of students from the country/subregion/region and the total percentage for whom information was provided on academic level.

Major Field of Study (e.g., Agriculture)

		(Subfield 1) GENRL	(Subfield 2) AG SCI	(Subfield 3) CONSERV	TOTAL	
COUNTRY	ST3 TOTAL	NUM	NUM	NUM	NUM	% FS
KENYA	1136	13	43	2	58	5

Absolute Number of students from a given locality reported on in the Step 3 survey

Absolute number of students from a given locality in each Subfield

Number of students from a given locality in Major Field

Students in Major Field from a given locality as percentage of all students reported on in Step 3 survey

C.1

	ST3 TOTAL	FIELD OF STUDY: AGRICULTURE					FIELD OF STUDY: BUSINESS & MANAGEMENT					FIELD OF STUDY: EDUCATION	
		AGRIC	AG SCI	CONSERV	TOTAL		BUS/MGT	MKT/DIST	OTHER	TOTAL		TOTAL	
		NUM	NUM	NUM	NUM	% FS	NUM	NUM	NUM	NUM	% FS	NUM	% FS
EASTERN AFRICA, UNSPECIFIED	1	0	0	0	0	0	0	0	0	0	0	0	0
DJIBOUTI	10	0	0	0	0	0	2	0	1	3	30	1	10
BURUNDI	29	0	0	1	1	3	2	0	0	2	7	1	3
COMOROS	9	0	0	0	0	0	3	0	0	3	33	0	0
ETHIOPIA	1097	10	21	3	34	3	175	5	13	193	18	42	4
KENYA	1136	13	43	2	58	5	263	17	12	297	27	52	5
MADAGASCAR	31	0	2	1	3	11	4	1	0	5	19	0	0
MALAWI	103	1	10	0	11	11	13	0	1	14	14	4	4
MAURITIUS	70	3	1	2	6	9	13	1	1	15	22	2	3
MOZAMBIQUE	3	1	0	0	1	33	0	0	0	0	0	0	0
ZIMBABWE	337	4	22	3	29	9	49	2	1	52	16	21	6
RWANDA	22	1	4	0	5	23	2	0	0	2	9	5	23
SEYCHELLES	6	0	0	0	0	0	2	0	0	2	33	0	0
SOMALIA	377	17	25	2	44	12	67	3	0	70	19	17	5
TANZANIA	401	6	19	3	28	7	54	2	3	59	15	23	6
UGANDA	275	3	5	1	9	3	46	2	3	51	19	12	4
ZAMBIA	316	12	19	2	33	11	43	5	4	52	17	13	4
EASTERN AFRICA	4223	71	171	20	262	6	743	38	39	820	20	193	5
ANGOLA	18	0	1	0	1	6	1	0	1	2	11	0	0
CAMEROON	628	8	18	2	28	5	103	6	4	113	19	20	3
CENTRAL AFRICAN REPUBLIC	12	0	1	1	2	20	2	0	0	2	20	1	10
CHAD	12	1	1	0	2	17	2	0	0	2	17	0	0
CONGO	8	0	1	0	1	14	0	0	0	0	0	0	0
EQUATORIAL GUINEA	6	0	5	0	5	83	0	0	0	0	0	1	17
GABON	25	0	0	0	0	0	6	0	0	6	25	1	4
SAO TOME & PRINCIPE	2	0	0	0	0	0	0	0	0	0	0	0	0
ZAIRE	181	7	6	1	14	8	24	1	0	25	14	7	4
CENTRAL AFRICA	892	16	33	4	53	6	138	7	5	150	18	30	4
ALGERIA	572	3	1	0	4	1	26	0	1	27	5	7	1
CANARY ISLANDS	1	0	0	0	0	0	1	0	0	1	100	0	0
EGYPT	1478	23	58	4	85	6	131	7	1	139	10	44	3
LIBYA	492	2	16	2	20	4	44	2	4	50	10	12	2
MOROCCO	499	5	27	2	34	7	71	1	0	72	15	8	2
WESTERN SAHARA	3	0	0	0	0	0	1	0	0	1	33	0	0
SUDAN	431	15	39	2	56	13	37	5	0	42	10	9	2
TUNISIA	440	4	17	0	21	5	30	2	0	32	8	0	0
NORTH AFRICA	3916	52	158	10	220	6	341	17	6	364	9	80	2
SOUTHERN AFRICA	1	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHERN AFRICA, UNSPECIFIE	4	0	0	0	0	0	0	0	0	0	0	0	0
BOTSWANA	163	4	23	5	32	20	10	1	1	12	7	12	7
LESOTHO	55	0	9	6	15	27	7	0	0	7	13	3	5
NAMIBIA	91	0	1	0	1	1	15	2	1	18	20	6	7
SOUTH AFRICA	1231	6	12	1	19	2	174	10	3	187	16	97	8
SWAZILAND	101	4	4	2	10	10	14	1	1	16	16	20	20
SOUTHERN AFRICA	1649	14	49	14	77	5	220	14	6	240	15	138	9

		FIELD OF STUDY											
	ST3 TOTAL	AGRICULTURE					BUSINESS & MANAGEMENT					EDUCATION	
		AGRIC	AG SCI	CONSERV	TOTAL		BUS/MGT	MKT/DIST	OTHER	TOTAL		TOTAL	
		NUM	NUM	NUM	NUM	% FS	NUM	NUM	NUM	NUM	% FS	NUM	% FS
WEST AFRICA, UNSPECIFIED	15	0	0	0	0	0	1	0	0	1	7	0	0
CAPE VERDE	44	2	6	2	10	23	3	1	0	4	9	0	0
BENIN	13	0	0	0	0	0	2	0	0	2	15	1	8
GAMBIA	134	6	9	2	17	13	34	3	0	37	28	5	4
GHANA	805	11	18	4	33	4	114	3	4	121	15	34	4
GUINEA	44	2	4	0	6	14	3	0	0	3	7	2	5
GUINEA-BISSAU	13	3	4	0	7	54	2	0	0	2	15	0	0
IVORY COAST	180	7	8	0	15	9	37	0	2	39	23	3	2
LIBERIA	630	5	5	3	13	2	143	4	28	175	28	29	5
MALI	68	5	12	1	18	26	8	0	0	8	12	5	7
MAURITANIA	20	0	5	0	5	25	2	0	0	2	10	1	5
NIGER	62	3	18	1	22	35	6	0	0	6	10	3	5
NIGERIA	7938	120	153	9	282	4	2064	186	132	2382	31	509	7
SENEGAL	115	5	12	2	19	18	16	0	0	16	15	2	2
SIERRA LEONE	273	7	4	0	11	4	45	1	1	47	18	21	8
TOGO	46	3	2	0	5	11	7	0	0	7	16	3	7
BOURKINA FASO	29	1	8	2	11	41	0	0	0	0	0	1	4
WEST AFRICA	10429	180	268	26	474	5	2487	198	167	2852	28	619	6
AFRICA, UNSPECIFIED	22	0	0	0	0	0	4	0	1	5	23	3	14
AFRICA REGION UNSPECIFIED	22	0	0	0	0	0	4	0	1	5	23	3	14
AFRICA	21131	333	679	74	1086	5	3933	274	224	4431	21	1063	5
CHINA	9061	30	124	42	196	2	637	33	15	685	8	240	3
TAIWAN	14986	43	191	39	278	2	1721	43	37	1801	12	508	3
HONG KONG	7220	5	15	2	22	0	1717	154	38	1909	27	126	2
JAPAN	9561	25	49	11	85	1	1295	80	130	1505	16	337	4
KOREA,DEMOCRATIC PEOPLES RE	34	0	1	0	1	3	2	0	0	2	6	0	0
KOREA, REPUBLIC OF	11974	30	131	34	195	2	1768	83	56	1907	16	427	4
MACAO	94	0	0	0	0	0	21	6	1	28	30	2	2
EAST ASIA	52932	138	511	128	777	1	7161	399	277	7837	15	1690	3
SOUTH CENTRAL ASIA	24	0	0	0	0	0	4	3	0	7	29	1	4
AFGHANISTAN	59	0	1	0	1	2	3	0	0	3	5	0	0
BANGLADESH	1225	8	20	4	32	3	137	6	2	145	12	15	1
BHUTAN	8	0	0	0	0	0	1	0	0	1	13	0	0
INDIA	10569	26	90	20	136	1	1644	56	51	1751	17	131	1
MALDIVES	3	0	0	0	0	0	0	0	0	0	0	0	0
NEPAL	331	12	12	7	31	10	33	4	1	38	12	16	5
PAKISTAN	3565	14	54	9	77	2	639	29	24	692	20	49	1
SRI LANKA	1202	9	24	8	41	3	170	9	3	182	15	15	1
SOUTH CENTRAL ASIA	16986	69	201	48	318	2	2631	107	81	2819	17	227	1
SOUTH-EAST ASIA	8	0	0	0	0	0	0	0	0	0	0	0	0
BRUNEI	26	0	0	0	0	0	3	0	0	3	12	0	0
BURMA	132	2	6	4	12	9	9	0	0	9	7	5	4
INDONESIA	5617	46	90	17	143	3	1500	75	49	1624	30	143	3
CAMBODIA	110	1	0	0	1	1	12	1	2	15	14	5	5

	FIELD OF STUDY												
	ST3 TOTAL	AGRICULTURE					BUSINESS & MANAGEMENT					EDUCATION	
		AGRIC	AG SCI	CONSERV	TOTAL		BUS/MGT	MKT/DIST	OTHER	TOTAL		TOTAL	
		NUM	NUM	NUM	NUM	% FS	NUM	NUM	NUM	NUM	% FS	NUM	% FS
LAOS	314	0	0	0	0	0	45	4	1	50	16	5	2
MALAYSIA	15255	101	92	66	259	2	3679	275	265	4219	28	330	3
PHILIPPINES	2580	24	57	12	93	4	531	46	21	598	24	81	3
PORTUGUESE TIMOR	5	0	0	0	0	0	2	0	0	2	40	0	0
SINGAPORE	3109	3	3	3	9	0	905	126	32	1063	35	56	2
THAILAND	4271	27	57	12	96	2	1178	65	64	1307	31	179	4
VIETNAM	1506	1	13	0	14	1	115	5	8	128	9	10	1
SOUTH-EAST ASIA	32933	205	308	114	627	2	7979	597	442	9018	29	864	3
MIDDLE EAST, UNSPECIFIED	2	0	0	0	0	0	1	0	0	1	50	0	0
BAHRAIN	301	0	1	0	1	0	82	4	4	90	31	8	3
CYPRUS	1334	2	5	0	7	1	296	28	18	342	26	20	2
IRAN	8684	26	107	4	137	2	433	13	29	475	6	213	3
IRAQ	869	11	51	3	65	8	60	4	1	65	8	37	4
ISRAEL	1537	2	8	1	11	1	149	8	8	165	11	67	4
JORDAN	4154	8	14	2	24	1	551	27	30	608	15	82	2
KUWAIT	2504	3	10	0	13	1	501	17	31	549	22	108	4
LEBANON	4575	8	27	0	35	1	500	20	21	541	12	58	1
OMAN	378	1	4	0	5	1	62	1	1	64	17	7	2
QATAR	473	0	1	0	1	0	82	2	10	94	20	10	2
SAUDI ARABIA	4646	19	38	5	62	1	749	18	19	786	17	274	6
SYRIA	1341	2	9	0	11	1	91	3	5	99	8	5	0
TURKEY	1637	4	10	3	17	1	270	26	10	306	19	20	1
UNITED ARAB EMIRATES	823	4	5	1	10	1	140	0	12	152	19	19	2
RAS AL KHAIMAH	1	0	0	0	0	0	0	0	1	1	100	0	0
YEMEN ARAB REPUBLIC	346	6	20	0	26	8	38	1	1	40	12	14	4
YEMEN, PEOPLE'S DEM. REP.	43	0	0	0	0	0	3	0	0	3	7	1	2
MIDDLE EAST	33648	96	310	19	425	1	4008	172	201	4381	13	943	3
ASIA, UNSPECIFIED	2	0	0	0	0	0	1	0	0	1	50	0	0
ASIA REGION UNSPECIFIED	2	0	0	0	0	0	1	0	0	1	50	0	0
ASIA	136501	508	1330	309	2147	2	21780	1275	1001	24056	18	3724	3
BULGARIA	14	0	1	0	1	8	1	0	0	1	8	0	0
CZECHOSLOVAKIA	51	0	0	0	0	0	6	1	0	7	14	1	2
GERMAN DEMOCRATIC REP.	34	0	1	0	1	3	12	0	0	12	35	0	0
HUNGARY	85	0	1	0	1	1	1	0	0	1	1	2	2
POLAND	455	1	4	1	6	1	15	4	3	22	5	11	2
ROMANIA	48	0	0	0	0	0	2	0	2	4	9	1	2
U. S. S. R.	41	0	0	0	0	0	2	0	0	2	5	0	0
YUGOSLAVIA	360	0	2	0	2	1	15	4	1	20	6	4	1
EASTERN EUROPE	1088	1	9	1	11	1	54	9	6	69	6	19	2
AUSTRIA	264	1	0	0	1	0	29	0	1	30	12	7	3
BELGIUM	498	1	5	2	8	2	92	6	2	100	21	13	3
DENMARK	381	2	0	2	4	1	36	4	3	43	12	6	2

78

73

	ST3 TOTAL	FIELD OF STUDY: AGRICULTURE AGRIC	AG SCI	CONSERV	TOTAL	% FS	BUSINESS & MANAGEMENT BUS/MGT	MKT/DIST	OTHER	TOTAL	% FS	EDUCATION TOTAL	% FS
		NUM	NUM	NUM	NUM		NUM	NUM	NUM	NUM		NUM	
FINLAND	395	1	4	1	6	2	78	8	3	89	23	15	4
FRANCE	2526	15	9	2	26	1	470	79	13	562	23	34	1
GERMANY, FED. REP. OF	3227	11	16	11	38	1	354	23	12	389	12	56	2
GIBRALTAR	3	0	0	0	0	0	1	0	0	1	33	0	0
GREECE	2604	12	15	6	34	1	291	26	10	327	13	62	2
VATICAN CITY	3	0	0	0	0	0	0	1	0	1	33	0	0
ICELAND	429	1	7	2	10	2	49	3	1	53	13	18	4
IRELAND	683	1	4	1	6	1	85	4	3	92	14	65	10
ITALY	1237	8	5	2	15	1	145	17	11	173	14	20	2
LIECHTENSTEIN	4	0	0	0	0	0	0	0	0	0	0	0	0
LUXEMBOURG	17	0	0	0	0	0	2	0	0	2	13	0	0
MALTA	37	0	0	0	0	0	7	0	0	7	19	2	5
MONACO	5	0	0	0	0	0	0	1	0	1	20	0	0
NETHERLANDS	997	6	10	3	19	2	212	19	8	239	24	24	2
NORWAY	1385	2	2	6	10	1	440	44	25	509	37	13	1
PORTUGAL	347	2	5	2	9	3	50	1	1	52	16	16	5
SPAIN	1154	4	11	3	18	2	138	11	7	156	14	26	2
SWEDEN	956	1	5	0	6	1	162	17	8	187	20	49	5
SWITZERLAND	651	3	6	2	11	2	85	5	5	95	15	16	2
UNITED KINGDOM	4147	12	17	8	37	1	574	30	30	634	16	233	6
WESTERN EUROPE	21950	83	122	53	258	1	3300	299	143	3742	17	680	3
EUROPE	23038	84	131	54	269	1	3354	308	149	3811	17	699	3
CARIBBEAN, UNSPECIFIED	143	2	4	0	6	4	25	4	6	35	25	10	7
BAHAMAS	1131	2	2	0	4	0	303	7	31	341	31	118	11
BARBADOS	226	1	0	0	1	0	38	5	3	46	21	15	7
CAYMAN ISLANDS	47	0	0	0	0	0	9	2	0	11	24	11	24
CUBA	1132	2	1	0	3	0	181	1	119	301	27	22	2
DOMINICAN REPUBLIC	487	3	11	3	17	4	67	4	23	94	20	20	4
GUADELOUPE	1	0	0	0	0	0	0	0	0	0	0	0	0
HAITI	979	5	7	1	13	1	131	6	54	191	20	17	2
JAMAICA	1425	9	18	4	31	2	229	26	42	296	21	86	6
LEEWARD ISLANDS	6	0	0	0	0	0	2	0	0	2	33	0	0
ANTIGUA	88	0	0	0	0	0	23	2	0	25	28	5	6
BRITISH VIRGIN ISLANDS	67	0	2	0	2	3	11	0	2	13	19	10	15
MONTSERRAT	4	0	0	0	0	0	0	0	0	0	0	0	0
ST. KITTS-NEVIS	19	0	0	0	0	0	2	0	0	2	11	1	5
ANGUILLA	2	0	0	0	0	0	1	0	0	1	50	0	0
MARTINIQUE	9	0	0	0	0	0	2	0	0	2	25	0	0
NETHERLANDS ANTILLES	458	0	0	0	0	0	81	10	10	101	23	16	4
TRINIDAD & TOBAGO	1585	8	8	2	18	1	254	19	18	291	19	94	6
TURKS & CAICOS ISLANDS	14	0	0	0	0	0	3	0	1	4	29	1	7
WINDWARD ISLANDS	5	0	0	0	0	0	2	0	0	2	40	0	0
DOMINICA	32	0	0	0	0	0	7	0	1	8	26	4	13
GRENADA	94	2	3	0	5	5	15	0	0	15	16	4	4

	FIELD OF STUDY											
	STS TOTAL	AGRICULTURE					BUSINESS & MANAGEMENT					EDUCATION
		AGRIC	AG SCI	CONSERV	TOTAL	% FS	BUS/MGT	MKT/DIST	OTHER	TOTAL	% FS	TOTAL
		NUM	NUM	NUM	NUM		NUM	NUM	NUM	NUM		NUM
ST. LUCIA	45	1	1	0	2	5	7	0	0	7	16	2
ST. VINCENT	23	0	0	2	2	9	2	0	0	2	9	2
CARIBBEAN	8022	35	57	12	104	1	1394	86	310	1790	23	433
CENTRAL AMERICA, UNSPECIFIE	3	0	0	0	0	0	0	0	0	0	0	0
BELIZE	194	3	4	0	7	4	46	2	2	50	28	11
COSTA RICA	461	20	22	6	49	11	62	6	3	71	16	11
EL SALVADOR	820	8	13	0	21	3	161	20	13	194	24	34
GUATEMALA	521	22	22	0	44	9	86	7	3	96	19	10
HONDURAS	804	31	33	4	68	9	132	18	15	166	21	43
MEXICO	3663	37	162	28	227	6	514	42	14	570	16	97
NICARAGUA	1405	11	13	1	25	2	241	5	110	356	26	11
PANAMA	1163	10	24	2	36	3	256	27	14	297	26	26
CENTRAL AMERICA	9034	142	293	41	476	5	1498	127	175	1800	20	243
SOUTH AMERICA, UNSPECIFIED	5	0	0	0	0	0	3	0	0	3	60	0
ARGENTINA	855	11	31	9	51	6	85	8	0	93	11	17
BOLIVIA	705	12	11	1	24	4	107	9	4	120	18	16
BRAZIL	1893	14	96	19	129	7	219	7	11	237	13	111
CHILE	778	4	19	8	31	4	90	6	7	103	14	43
COLOMBIA	2729	37	62	10	109	4	433	52	36	521	19	71
ECUADOR	711	13	12	5	30	4	143	22	10	175	25	18
FALKLAND ISLANDS	1	0	0	0	0	0	0	1	0	1	100	0
FRENCH GUIANA	5	0	0	0	0	0	0	0	0	0	0	0
GUYANA	322	3	10	1	14	4	36	2	2	40	13	12
PARAGUAY	115	2	1	1	4	4	20	1	1	22	19	4
PERU	1408	13	26	0	39	3	269	21	19	308	23	32
SURINAME	136	0	0	0	0	0	28	1	2	31	23	5
URUGUAY	171	3	9	1	13	8	19	0	0	19	11	6
VENEZUELA	5089	61	98	7	166	3	837	95	97	1029	21	137
SOUTH AMERICA	14923	173	375	62	610	4	2288	225	189	2702	19	472
LATIN AMERICA	31979	350	725	115	1190	4	5180	438	674	6292	20	1153
BERMUDA	458	0	1	2	3	1	85	12	20	117	26	33
CANADA	10997	71	87	41	199	2	1430	124	93	1647	15	893
NORTH AMERICAN REGION	11455	71	88	43	202	2	1515	136	113	1764	16	926
NORTH AMERICA	11455	71	88	43	202	2	1515	136	113	1764	16	926
AUSTRALIA	988	4	10	6	20	2	93	2	4	99	10	97
NEW ZEALAND	334	4	5	6	15	5	37	3	2	42	13	29
AUSTRALIA + NEW ZEALAND	1322	8	15	12	35	3	130	5	6	141	11	126
SOLOMON ISLANDS	2	0	0	0	0	0	0	0	0	0	0	0
COOK ISLANDS	5	1	0	0	1	20	0	0	0	0	0	0
FIJI	54	1	1	0	2	4	7	1	0	8	16	0
FRENCH POLYNESIA	34	1	1	0	2	8	6	0	1	7	28	0
KIRIBATI	4	0	0	0	0	0	0	0	0	0	0	0
NAURU	2	0	0	0	0	0	0	0	0	0	0	0
NEW CALEDONIA	2	0	0	0	0	0	0	0	0	0	0	0
PAPUA-NEW GUINEA	26	1	0	0	1	4	3	0	0	3	12	2

	FIELD OF STUDY												
	ST3 TOTAL	AGRICULTURE AGRIC	AG SCI	CONSERV	TOTAL NUM	TOTAL % FS	BUSINESS & MANAGEMENT BUS/MGT	MKT/DIST	OTHER	TOTAL NUM	TOTAL % FS	EDUCATION TOTAL NUM	EDUCATION TOTAL % FS
NIUE	2	0	0	0	0	0	0	0	0	0	0	0	0
PACIFIC ISLANDS, TRUST TER.	1181	2	19	1	22	2	293	11	42	343	32	61	4
TONGA	22	0	0	0	0	0	1	0	1	2	12	0	0
WALLIS + FUTUNA ISLANDS	1	0	0	0	0	0	0	0	0	0	0	0	0
WESTERN SAMOA	45	4	0	0	4	9	4	0	2	5	13	3	7
PACIFIC OCEAN ISLAND AREA	1380	10	21	1	32	3	311	12	46	369	30	86	7
OCEANIA	2702	18	35	13	67	3	441	17	52	510	20	212	9
STATELESS	628	1	0	1	2	0	70	11	6	87	14	11	2
COUNTRY UNKNOWN	532	0	0	1	1	0	34	2	2	38	15	11	4
STATELESS REGION	1160	1	0	2	3	0	104	13	8	125	14	22	2
STATELESS OR UNKNOWN	1160	1	0	2	3	0	104	13	8	125	14	22	2
******** FINAL TOTALS ****	227966	1365	2989	610	4964	2	36307	2461	2221	40949	18	7799	3

LOCATION		FIELD OF STUDY: ENGINEERING AND RELATED TECHNOLOGIES										
		GENERAL	CHEMICAL	CIVIL	ELECTR	INDUST	MECHAN	OTHER	ENG TOT	TECHNOL	TOTAL	
		NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	% FS
EASTERN AFRICA, UNSPECIFIED	1	0	0	0	0	0	0	0	0	1	1	100
DJIBOUTI	10	1	0	0	0	0	0	0	1	0	1	10
BURUNDI	29	0	1	0	0	0	1	1	3	0	3	10
COMOROS	9	0	0	1	0	0	0	0	1	0	1	11
ETHIOPIA	1097	43	4	12	27	4	14	10	116	36	152	14
KENYA	1136	19	7	12	33	8	9	13	101	16	117	11
MADAGASCAR	31	1	0	0	2	0	0	0	3	2	5	19
MALAWI	103	1	1	0	2	0	0	1	5	1	6	6
MAURITIUS	70	2	0	1	3	0	2	1	9	0	9	13
MOZAMBIQUE	3	0	0	0	0	0	0	0	0	0	0	0
ZIMBABWE	337	0	4	5	7	0	6	5	27	5	32	10
RWANDA	22	0	0	2	0	0	0	0	2	0	2	9
SEYCHELLES	6	0	0	0	0	0	0	0	0	0	0	0
SOMALIA	377	16	6	7	10	2	3	5	49	7	56	15
TANZANIA	401	8	1	11	17	1	1	17	56	11	67	17
UGANDA	275	4	1	5	5	1	1	1	18	6	24	9
ZAMBIA	316	8	0	7	13	1	3	5	37	6	43	14
EASTERN AFRICA	4223	103	25	63	121	17	40	59	428	91	519	13
ANGOLA	18	0	0	0	0	0	1	0	1	4	5	28
CAMEROON	628	8	3	9	8	2	4	7	41	18	59	10
CENTRAL AFRICAN REPUBLIC	12	0	0	0	0	0	0	0	0	0	0	0
CHAD	12	0	0	0	1	0	0	0	1	1	2	17
CONGO	8	0	0	0	0	0	1	0	1	0	1	14
EQUATORIAL GUINEA	6	0	0	0	0	0	0	0	0	0	0	0
GABON	25	0	0	1	0	0	1	0	2	0	2	8
SAO TOME & PRINCIPE	2	0	0	0	0	0	0	0	0	0	0	0
ZAIRE	181	4	1	0	5	0	0	0	10	11	21	12
CENTRAL AFRICA	892	12	4	10	14	2	7	7	56	34	90	11
ALGERIA	572	7	10	47	57	5	19	40	185	8	193	34
CANARY ISLANDS	1	0	0	0	0	0	0	0	0	0	0	0
EGYPT	1478	93	9	112	113	9	68	74	478	30	508	35
LIBYA	492	19	7	21	31	3	13	32	126	24	150	31
MOROCCO	499	16	9	19	44	3	4	20	115	9	124	26
WESTERN SAHARA	3	0	0	0	1	0	0	0	1	0	1	33
SUDAN	431	20	2	15	16	4	6	11	74	18	92	21
TUNISIA	440	19	6	39	77	17	46	46	250	1	251	57
NORTH AFRICA	3916	174	43	253	339	41	156	223	1229	90	1319	34
SOUTHERN AFRICA	1	0	0	0	0	0	0	0	0	0	0	0
SOUTHERN AFRICA, UNSPECIFIE	4	0	0	0	0	0	0	0	0	0	0	0
BOTSWANA	163	2	0	3	6	0	3	1	20	7	27	17
LESOTHO	58	0	0	4	0	1	0	2	7	3	10	18
NAMIBIA	91	6	0	0	0	0	0	1	7	0	7	8
SOUTH AFRICA	1231	13	13	15	22	0	16	15	95	17	112	9
SWAZILAND	101	2	0	1	0	0	0	2	5	0	5	5
SOUTHERN AFRICA	1649	23	13	28	28	1	19	22	134	27	161	10

FIELD OF STUDY

LOCATION		ENGINEERING AND RELATED TECHNOLOGIES										
		GENERAL	CHEMICAL	CIVIL	ELECTR	INDUST	MECHAN	OTHER	ENG TOT	TECHNOL	TOTAL	
		NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	PS
WEST AFRICA, UNSPECIFIED	15	0	0	0	1	0	0	0	1	0	1	7
CAPE VERDE	44	0	0	0	2	0	0	9	11	1	12	27
BENIN	13	0	0	0	0	0	0	1	1	0	1	8
GAMBIA	134	1	0	1	2	0	0	1	5	7	12	9
GHANA	805	14	9	18	22	2	8	15	88	21	109	14
GUINEA	44	1	2	2	1	0	1	2	9	0	9	21
GUINEA-BISSAU	13	0	0	0	0	0	0	0	0	1	1	8
IVORY COAST	180	7	0	4	6	1	4	5	30	3	33	19
LIBERIA	630	25	3	4	4	2	3	14	55	23	78	13
MALI	68	0	0	1	0	0	0	0	1	1	2	3
MAURITANIA	20	0	0	0	0	1	0	0	1	0	1	5
NIGER	62	0	3	0	1	0	1	5	10	3	13	21
NIGERIA	7938	85	49	132	141	46	59	98	610	317	927	12
SENEGAL	115	0	1	1	2	0	2	2	8	1	9	9
SIERRA LEONE	273	3	1	3	4	0	2	7	20	4	24	9
TOGO	46	2	1	0	0	0	0	0	3	2	5	11
BOURKINA FASO	29	1	0	0	0	0	1	1	3	0	3	11
WEST AFRICA	10429	139	69	166	186	52	81	163	856	384	1240	12
AFRICA, UNSPECIFIED	22	4	0	0	1	0	0	0	5	0	5	23
AFRICA REGION UNSPECIFIED	22	4	0	0	1	0	0	0	5	0	5	23
AFRICA	21131	455	154	520	689	113	303	474	2708	626	3334	16
CHINA	9061	274	93	153	713	30	333	324	1920	94	2014	23
TAIWAN	14988	200	378	491	1169	211	580	671	3500	157	3957	27
HONG KONG	7220	227	54	84	681	29	112	126	1319	69	1388	20
JAPAN	9561	104	6	55	85	9	65	102	426	104	530	6
KOREA,DEMOCRATIC PEOPLES RE	34	4	0	0	5	0	4	3	16	0	16	47
KOREA, REPUBLIC OF	11974	208	156	163	540	95	367	503	2032	97	2129	18
MACAO	94	7	0	1	6	0	1	3	18	0	18	20
EAST ASIA	52932	1024	687	947	3199	374	1568	1732	9531	521	10052	19
SOUTH CENTRAL ASIA	24	0	0	0	0	0	0	0	0	0	0	0
AFGHANISTAN	59	2	1	4	2	0	1	0	10	1	11	19
BANGLADESH	1225	79	17	50	173	9	55	49	432	35	467	38
BHUTAN	8	1	0	0	0	0	0	0	1	1	2	25
INDIA	10569	258	421	301	990	203	579	635	3387	125	3512	34
MALDIVES	3	0	0	1	0	0	0	0	1	0	1	33
NEPAL	331	50	1	17	9	0	0	8	85	7	92	24
PAKISTAN	3565	202	28	167	510	75	125	141	1248	107	1355	35
SRI LANKA	1202	52	4	57	85	6	26	34	264	29	293	25
SOUTH CENTRAL ASIA	16986	644	472	597	1769	293	786	867	5428	305	5733	34
SOUTH-EAST ASIA	8	0	0	0	0	0	0	0	0	0	0	0
BRUNEI	26	0	0	1	2	0	1	2	6	3	9	36
BURMA	132	11	0	2	6	0	1	2	22	4	26	20
INDONESIA	5617	271	90	129	390	101	108	173	1262	89	1351	25
CAMBODIA	110	1	0	0	5	1	0	1	8	6	14	13

LOCATION		FIELD OF STUDY										
		ENGINEERING AND RELATED TECHNOLOGIES										
		GENERAL	CHEMICAL	CIVIL	ELECTR	INDUST	MECHAN	OTHER	ENG TOT	TECHNOL	TOTAL	
		NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	PS
LAOS	314	2	0	1	5	0	0	2	10	65	75	24
MALAYSIA	15255	671	209	1364	1228	159	594	327	4551	193	4744	32
PHILIPPINES	2580	59	15	20	49	8	13	31	195	40	235	9
PORTUGUESE TIMOR	5	0	0	0	0	0	0	0	0	1	1	20
SINGAPORE	3109	90	12	43	189	27	99	78	537	27	564	19
THAILAND	4271	97	31	78	141	39	52	77	515	60	575	14
VIETNAM	1506	52	10	16	335	3	52	45	513	67	580	39
SOUTH-EAST ASIA	32933	1254	367	1654	2349	337	920	738	7619	555	8174	25
MIDDLE EAST, UNSPECIFIED	2	0	0	0	0	0	0	0	0	0	0	0
BAHRAIN	301	24	0	7	13	3	7	10	64	3	67	23
CYPRUS	1334	57	23	89	141	14	85	26	435	17	452	34
IRAN	9684	499	95	362	883	81	417	330	2667	283	2950	35
IRAQ	569	68	7	96	75	1	19	29	295	33	328	39
ISRAEL	1537	78	7	42	77	4	34	35	275	24	307	21
JORDAN	4154	578	27	377	426	44	146	135	1734	100	1834	45
KUWAIT	2504	220	15	91	149	10	46	112	713	149	862	35
LEBANON	4575	430	41	496	555	46	253	170	1991	167	2158	48
OMAN	378	18	2	20	29	5	21	32	127	1	128	35
QATAR	473	79	1	19	37	5	7	26	174	22	196	42
SAUDI ARABIA	4646	136	40	132	222	38	150	177	945	303	1248	27
SYRIA	1341	160	3	163	195	7	51	50	629	39	668	51
TURKEY	1637	47	25	49	132	38	92	121	504	17	521	33
UNITED ARAB EMIRATES	823	75	13	20	73	17	15	37	250	43	293	37
RAS AL KHAIMAH	1	0	0	0	0	0	0	0	0	0	0	0
YEMEN ARAB REPUBLIC	346	29	0	24	24	1	1	18	97	13	110	32
YEMEN, PEOPLE'S DEM. REP.	43	3	0	5	6	1	0	0	15	2	17	41
MIDDLE EAST	33648	2501	299	2042	3037	385	1344	1310	10918	1225	12144	37
ASIA, UNSPECIFIED	2	0	0	0	0	0	0	1	1	0	1	50
ASIA REGION UNSPECIFIED	2	0	0	0	0	0	0	1	1	0	1	50
ASIA	136501	5423	1825	5240	10354	1389	4618	4649	33497	2507	36104	27
BULGARIA	14	1	0	0	0	0	0	0	1	0	1	8
CZECHOSLOVAKIA	51	1	2	1	0	0	1	0	5	3	8	15
GERMAN DEMOCRATIC REP.	34	1	0	0	1	0	0	0	2	3	5	15
HUNGARY	85	1	0	0	4	0	0	2	7	1	8	10
POLAND	455	4	1	2	13	3	8	35	66	4	70	16
ROMANIA	46	1	0	0	2	0	1	1	5	0	5	11
U. S. S. R.	41	1	0	0	2	0	0	1	4	1	5	13
YUGOSLAVIA	360	11	5	14	35	0	7	10	83	2	85	24
EASTERN EUROPE	1088	21	9	17	57	3	17	49	173	14	187	13
AUSTRIA	264	5	1	1	4	0	2	5	18	2	20	8
BELGIUM	496	5	3	4	10	0	5	12	42	2	44	9
DENMARK	381	4	2	2	1	0	2	2	13	1	14	4

LOCATION		FIELD OF STUDY: ENGINEERING AND RELATED TECHNOLOGIES										
		GENERAL	CHEMICAL	CIVIL	ELECTR	INDUST	MECHAN	OTHER	ENG TOT	TECHNOL	TOTAL	
		NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	% FS
FINLAND	395	3	3	7	17	0	6	4	40	3	43	11
FRANCE	2526	32	22	36	63	6	55	47	281	17	298	12
GERMANY, FED. REP. OF	3227	32	23	15	65	10	60	54	259	27	286	9
GIBRALTAR	3	0	0	0	0	0	0	0	0	0	0	0
GREECE	2604	107	59	77	176	13	116	119	697	48	745	29
VATICAN CITY	3	0	0	0	1	0	0	0	1	0	1	33
ICELAND	429	9	1	8	11	4	8	4	45	12	57	13
IRELAND	683	7	8	7	3	3	12	3	48	10	58	9
ITALY	1237	8	5	8	22	5	9	24	81	10	91	8
LIECHTENSTEIN	4	0	1	0	0	0	0	0	1	0	1	25
LUXEMBOURG	17	0	0	1	2	0	0	0	3	0	3	19
MALTA	37	0	0	0	0	0	0	1	1	1	2	5
MONACO	5	0	0	0	0	0	0	0	0	0	0	0
NETHERLANDS	997	14	2	3	16	0	11	22	68	11	79	3
NORWAY	1385	17	15	20	93	8	36	141	328	6	334	24
PORTUGAL	347	8	2	8	18	1	7	7	51	4	55	17
SPAIN	1154	19	5	15	19	5	15	35	111	5	116	10
SWEDEN	956	13	5	4	19	0	12	6	59	16	75	8
SWITZERLAND	651	9	0	9	19	0	4	5	46	5	51	8
UNITED KINGDOM	4147	49	27	38	119	16	44	47	340	34	374	9
WESTERN EUROPE	21950	341	214	263	703	69	405	538	2533	214	2747	13
EUROPE	23338	362	223	280	760	72	422	587	2706	223	2934	13
CARIBBEAN, UNSPECIFIED	143	0	0	4	1	0	0	0	5	7	12	9
BAHAMAS	1131	12	4	3	21	0	2	6	48	35	83	7
BARBADOS	226	1	2	1	10	0	7	1	22	10	32	15
CAYMAN ISLANDS	47	0	0	1	0	0	0	1	2	0	2	4
CUBA	1132	26	4	12	41	0	13	6	102	48	150	13
DOMINICAN REPUBLIC	487	53	1	7	10	5	4	5	85	8	93	19
GUADELOUPE	1	0	0	0	1	0	0	0	1	0	1	100
HAITI	979	17	1	38	44	1	12	6	119	77	196	20
JAMAICA	1425	18	3	26	49	4	28	12	140	34	174	12
LEEWARD ISLANDS	6	0	0	0	1	0	0	0	1	0	1	17
ANTIGUA	88	1	1	3	4	0	2	2	13	1	14	16
BRITISH VIRGIN ISLANDS	67	3	0	0	2	0	1	0	6	0	6	9
MONTSERRAT	4	0	0	0	0	0	0	0	0	1	1	25
ST. KITTS-NEVIS	19	1	0	0	1	0	2	0	4	0	4	21
ANGUILLA	2	0	0	0	0	0	0	0	0	0	0	0
MARTINIQUE	9	0	0	0	0	0	0	0	0	0	0	0
NETHERLANDS ANTILLES	458	6	8	3	14	1	11	3	48	24	72	15
TRINIDAD & TOBAGO	1585	29	9	26	52	6	19	14	175	89	264	17
TURKS & CAICOS ISLANDS	14	0	0	0	0	0	0	0	0	0	0	0
WINDWARD ISLANDS	5	0	0	0	0	0	0	0	0	0	0	0
DOMINICA	32	0	1	0	2	0	1	1	5	1	6	19
GRENADA	94	0	2	1	5	0	3	0	11	1	12	13

LOCATION		FIELD OF STUDY: ENGINEERING AND RELATED TECHNOLOGIES										
		GENERAL	CHEMICAL	CIVIL	ELECTR	INDUST	MECHAN	OTHER	ENG TOT	TECHNOL	TOTAL	
		NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	% FS
ST. LUCIA	45	1	0	1	2	0	1	0	5	2	7	16
ST. VINCENT	23	0	0	0	2	0	0	0	2	0	2	9
CARIBBEAN	8022	170	36	126	262	17	106	77	794	338	1132	14
CENTRAL AMERICA, UNSPECIFIE	3	0	0	0	0	0	0	0	0	0	0	0
BELIZE	194	2	1	1	4	0	1	1	10	7	17	10
COSTA RICA	461	15	8	13	16	7	3	9	71	7	78	17
EL SALVADOR	820	26	14	20	31	29	16	9	145	29	175	22
GUATEMALA	521	7	4	12	12	12	10	47	104	18	122	24
HONDURAS	804	20	14	14	30	36	15	18	147	28	175	22
MEXICO	3663	67	33	53	93	43	72	77	438	71	509	14
NICARAGUA	1405	30	17	34	52	10	14	8	170	46	216	16
PANAMA	1163	61	3	21	47	29	14	31	211	30	241	21
CENTRAL AMERICA	9034	228	99	173	285	166	145	200	1296	235	1531	17
SOUTH AMERICA, UNSPECIFIED	5	0	0	0	0	0	0	0	0	2	2	40
ARGENTINA	855	8	26	13	17	5	13	23	103	3	106	13
BOLIVIA	705	30	5	22	44	20	16	17	154	19	173	26
BRAZIL	1893	21	6	35	55	6	27	64	214	21	235	13
CHILE	778	9	10	17	19	3	10	14	82	4	86	12
COLOMBIA	2729	78	12	68	70	35	40	54	357	94	451	17
ECUADOR	711	21	1	20	30	8	16	13	114	21	135	19
FALKLAND ISLANDS	1	0	0	0	0	0	0	0	0	0	0	0
FRENCH GUIANA	5	0	0	1	0	0	0	0	1	0	1	33
GUYANA	322	10	10	6	12	1	4	3	46	9	55	14
PARAGUAY	115	1	0	3	3	0	1	3	11	0	11	10
PERU	1406	32	5	24	53	24	34	31	201	19	220	16
SURINAME	136	7	3	1	9	4	3	5	31	2	33	25
URUGUAY	171	1	2	0	8	0	1	6	18	3	21	13
VENEZUELA	5089	191	28	148	208	77	185	169	1006	291	1297	24
SOUTH AMERICA	14923	409	106	358	527	181	350	407	2338	488	2826	20
LATIN AMERICA	31979	807	241	657	1074	364	601	634	4428	1061	5489	18
BERMUDA	458	2	0	2	5	0	1	1	11	20	31	7
CANADA	10997	86	40	56	169	43	166	265	825	235	1060	10
NORTH AMERICAN REGION	11455	88	40	58	174	43	167	266	836	255	1091	10
NORTH AMERICA	11455	88	40	58	174	43	167	266	836	255	1091	10
AUSTRALIA	988	6	3	9	14	0	5	12	49	10	59	6
NEW ZEALAND	334	2	3	6	3	0	2	4	20	0	20	5
AUSTRALIA + NEW ZEALAND	1322	8	6	15	17	0	7	16	69	10	79	5
SOLOMON ISLANDS	2	0	0	0	0	0	0	0	0	0	0	0
COOK ISLANDS	5	0	0	0	0	0	0	0	0	0	0	0
FIJI	54	1	0	1	1	0	2	1	6	2	8	15
FRENCH POLYNESIA	34	2	0	0	0	0	0	0	2	1	3	12
KIRIBATI	4	0	0	0	1	0	0	0	1	0	1	25
NAURU	2	0	0	0	0	0	0	0	0	0	0	0
NEW CALEDONIA	2	0	0	0	0	0	0	0	0	0	0	0
PAPUA-NEW GUINEA	26	0	0	1	0	0	0	0	1	0	1	4

LOCATION		FIELD OF STUDY: ENGINEERING AND RELATED TECHNOLOGIES										
		GENERAL	CHEMICAL	CIVIL	ELECTR	INDUST	MECHAN	OTHER	ENG TOT	TECHNOL	TOTAL	
		NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	% FS
NIUE	2	0	0	0	1	0	0	0	1	0	1	50
PACIFIC ISLANDS, TRUST TER.	1181	8	0	10	1	1	2	4	26	42	68	6
TONGA	22	0	0	0	0	0	0	0	0	2	2	12
WALLIS + FUTUNA ISLANDS	1	0	0	0	0	0	0	0	0	0	0	0
WESTERN SAMOA	45	1	0	1	0	0	0	0	2	2	4	9
PACIFIC OCEAN ISLAND AREA	1380	12	0	13	4	1	4	5	39	49	88	7
OCEANIA	2702	20	6	28	21	1	11	21	108	59	167	7
STATELESS	528	48	2	14	16	2	12	2	96	61	157	26
COUNTRY UNKNOWN	532	3	10	15	26	2	16	39	111	5	116	40
STATELESS REGION	1160	51	12	29	42	4	28	41	207	66	273	30
STATELESS OR UNKNOWN	1160	51	12	29	42	4	28	41	207	66	273	30
******** FINAL TOTALS ****	227966	7206	2501	6812	13114	1986	6150	6721	44490	4902	49392	22

LOCATION		FIELD OF STUDY: FINE & APPLIED ARTS				HEALTH PROFESSIONS							
		ARTS	ARCHIT	TOTAL	%	MEDICINE	DENTIST	NURSING	OTHER	SUB TOT	ALLIED	TOTAL	%
		NUM	NUM	NUM	FS	NUM	NUM	NUM	NUM	NUM	NUM	NUM	FS
EASTERN AFRICA, UNSPECIFIED	1	0	0	0	0	0	0	0	0	0	0	0	0
DJIBOUTI	10	0	0	0	0	0	0	0	0	0	0	0	0
BURUNDI	29	0	0	0	0	0	0	1	0	1	0	1	3
COMOROS	9	1	0	1	11	0	0	0	1	1	0	1	11
ETHIOPIA	1097	5	9	14	1	11	1	35	51	98	12	110	10
KENYA	1136	19	9	28	3	14	5	5	44	68	11	79	7
MADAGASCAR	31	0	0	0	0	1	0	1	1	3	0	3	11
MALAWI	103	2	2	4	4	9	0	5	1	15	1	16	16
MAURITIUS	70	0	0	0	0	1	0	0	4	5	1	6	9
MOZAMBIQUE	3	0	0	0	0	0	0	0	0	0	0	0	0
ZIMBABWE	337	5	3	8	2	8	7	2	12	29	4	33	10
RWANDA	22	0	0	0	0	0	1	1	0	2	0	2	9
SEYCHELLES	6	1	0	1	17	0	0	0	0	0	0	0	0
SOMALIA	377	0	3	3	1	3	0	2	6	11	0	11	3
TANZANIA	401	4	2	6	2	7	2	6	16	31	4	35	9
UGANDA	275	4	1	5	2	1	1	11	6	19	1	20	7
ZAMBIA	316	5	2	7	2	2	1	5	20	28	0	28	9
EASTERN AFRICA	4223	46	31	77	2	57	18	74	162	311	34	345	8
ANGOLA	18	0	0	0	0	0	0	1	2	3	0	3	17
CAMEROON	628	7	9	16	3	3	3	21	32	59	5	64	11
CENTRAL AFRICAN REPUBLIC	12	0	0	0	0	0	0	0	1	1	0	1	10
CHAD	12	0	0	0	0	0	0	0	0	0	0	0	0
CONGO	8	1	0	1	14	0	0	0	1	1	0	1	14
EQUATORIAL GUINEA	6	0	0	0	0	0	0	0	0	0	0	0	0
GABON	25	0	0	0	0	0	0	0	0	0	0	0	0
SAO TOME & PRINCIPE	2	0	0	0	0	0	0	0	0	0	0	0	0
ZAIRE	181	1	1	2	1	4	2	9	4	19	2	21	12
CENTRAL AFRICA	892	9	10	19	2	7	5	31	40	83	7	90	11
ALGERIA	572	2	43	45	8	0	2	0	2	4	0	4	1
CANARY ISLANDS	1	0	0	0	0	0	0	0	0	0	0	0	0
EGYPT	1478	17	48	65	4	16	11	16	50	93	12	105	7
LIBYA	492	3	11	14	3	1	3	1	4	9	5	14	3
MOROCCO	499	1	4	5	1	3	1	0	4	8	0	8	2
WESTERN SAHARA	3	0	0	0	0	0	0	0	0	0	0	0	0
SUDAN	431	1	6	7	2	1	1	6	18	26	1	27	6
TUNISIA	440	2	1	3	1	1	0	2	2	5	0	5	1
NORTH AFRICA	3916	26	113	139	4	22	18	25	80	145	18	163	4
SOUTHERN AFRICA	1	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHERN AFRICA, UNSPECIFIE	4	0	0	0	0	0	0	0	0	0	0	0	0
BOTSWANA	163	1	6	7	4	2	0	9	4	15	5	20	12
LESOTHO	58	0	0	0	0	1	0	1	3	5	0	5	9
NAMIBIA	91	1	1	2	2	0	0	2	2	4	2	6	7
SOUTH AFRICA	1231	60	17	77	6	11	12	12	51	86	7	93	8
SWAZILAND	101	3	5	8	8	0	0	4	2	6	2	8	8
SOUTHERN AFRICA	1649	65	29	94	6	14	12	28	62	116	16	132	8

LOCATION		FIELD OF STUDY: FINE & APPLIED ARTS				HEALTH PROFESSIONS							
		ARTS	ARCHIT	TOTAL		MEDICINE	DENTIST	NURSING	OTHER	SUB TOT	ALLIED	TOTAL	
		NUM	NUM	NUM	% FS	NUM	NUM	NUM	NUM	NUM	NUM	NUM	% FS
WEST AFRICA, UNSPECIFIED	15	0	1	1	7	3	0	1	0	4	0	4	27
CAPE VERDE	44	0	1	1	2	1	0	0	0	1	0	1	2
BENIN	13	0	0	0	0	1	0	0	0	1	0	1	8
GAMBIA	134	0	1	1	1	2	0	1	2	5	2	7	5
GHANA	805	14	11	25	3	11	3	13	23	50	9	59	7
GUINEA	44	0	0	0	0	2	0	0	1	3	0	3	7
GUINEA-BISSAU	13	0	0	0	0	0	0	0	0	0	0	0	0
IVORY COAST	190	1	3	4	2	0	1	1	4	6	0	6	3
LIBERIA	630	1	3	4	1	2	3	15	15	35	7	42	7
MALI	68	0	0	0	0	0	0	0	4	4	0	4	6
MAURITANIA	20	0	0	0	0	0	0	0	0	0	0	0	0
NIGER	62	1	0	1	2	0	0	1	0	1	0	1	2
NIGERIA	7938	96	224	320	4	43	9	89	296	436	40	476	6
SENEGAL	115	0	0	0	0	0	0	1	1	2	0	2	2
SIERRA LEONE	273	5	1	6	2	0	1	11	7	19	4	23	9
TOGO	46	0	0	0	0	0	0	0	0	0	0	0	0
BOURKINA FASO	29	0	0	0	0	0	0	0	0	0	0	0	0
WEST AFRICA	10429	118	245	363	4	65	16	133	353	567	62	629	6
AFRICA, UNSPECIFIED	22	1	0	1	5	0	0	0	0	0	0	0	0
AFRICA REGION UNSPECIFIED	22	1	0	1	5	0	0	0	0	0	0	0	0
AFRICA	21131	265	428	693	3	165	59	291	697	1222	137	1359	7
CHINA	9061	266	41	307	3	72	14	76	100	262	48	310	3
TAIWAN	14988	376	208	584	4	55	38	103	209	407	76	483	3
HONG KONG	7220	204	143	347	5	40	24	44	143	251	43	294	4
JAPAN	9561	775	105	880	10	99	9	52	71	231	24	255	3
KOREA, DEMOCRATIC PEOPLES RE	34	2	0	2	6	0	0	1	0	1	0	1	3
KOREA, REPUBLIC OF	11974	611	168	779	7	21	20	46	65	152	14	166	1
MACAO	94	2	0	2	2	0	0	0	3	3	1	4	4
EAST ASIA	52932	2236	665	2901	5	287	105	327	568	1307	206	1513	3
SOUTH CENTRAL ASIA	24	1	0	1	4	0	0	0	0	0	0	0	0
AFGHANISTAN	59	0	2	2	3	3	0	1	0	4	2	6	10
BANGLADESH	1225	5	8	13	1	1	0	6	21	28	3	31	3
BHUTAN	8	0	0	0	0	0	0	0	0	0	0	0	0
INDIA	10569	91	97	188	2	37	13	33	196	279	52	331	3
MALDIVES	3	0	0	0	0	0	0	0	0	0	0	0	0
NEPAL	331	3	1	4	1	2	1	5	4	12	0	12	4
PAKISTAN	3565	18	34	52	1	20	6	5	29	60	15	75	2
SRI LANKA	1202	8	2	10	1	7	1	1	7	16	5	21	2
SOUTH CENTRAL ASIA	16986	126	144	270	2	70	21	51	257	399	77	476	3
SOUTH-EAST ASIA	8	0	0	0	0	0	0	0	0	0	0	0	0
BRUNEI	26	1	0	1	4	0	0	0	1	1	0	1	4
BURMA	132	2	2	4	3	3	0	3	0	6	0	6	5
INDONESIA	5617	103	117	220	4	17	3	28	34	82	15	97	2
CAMBODIA	110	2	0	2	2	0	0	3	1	4	1	5	5

LOCATION		FIELD OF STUDY: FINE & APPLIED ARTS				HEALTH PROFESSIONS							
		ARTS	ARCHIT	TOTAL	%	MEDICINE	DENTIST	NURSING	OTHER	SUB TOT	ALLIED	TOTAL	%
		NUM	NUM	NUM	FS	NUM	NUM	NUM	NUM	NUM	NUM	NUM	FS
LAOS	314	5	1	6	2	0	0	4	0	4	1	5	2
MALAYSIA	15255	148	785	933	6	19	10	18	71	118	29	147	1
PHILIPPINES	2580	79	37	116	5	16	13	98	22	149	29	178	7
PORTUGUESE TIMOR	5	0	0	0	0	0	0	0	0	0	1	1	20
SINGAPORE	3109	95	60	155	5	7	2	6	13	28	10	38	1
THAILAND	4271	116	72	188	5	12	4	39	59	119	6	125	3
VIETNAM	1506	16	5	21	1	9	2	25	22	58	2	60	4
SOUTH-EAST ASIA	32933	567	1079	1646	5	83	39	224	223	569	94	663	2
MIDDLE EAST, UNSPECIFIED	2	0	0	0	0	0	0	0	0	0	0	0	0
BAHRAIN	301	3	5	8	3	3	0	0	2	5	0	5	2
CYPRUS	1334	14	47	61	5	1	1	2	8	12	7	19	1
IRAN	8684	106	126	232	3	141	88	56	204	489	132	621	7
IRAQ	869	15	22	37	4	10	4	4	19	37	0	37	4
ISRAEL	1537	139	25	164	11	23	6	6	22	57	19	76	5
JORDAN	4154	34	55	89	2	15	5	20	46	86	10	96	2
KUWAIT	2504	19	10	29	1	2	12	2	10	25	10	36	1
LEBANON	4575	45	69	114	3	23	17	15	75	130	40	170	4
OMAN	378	0	10	10	3	0	0	0	1	1	0	1	0
QATAR	473	1	5	6	1	0	0	0	3	3	2	5	1
SAUDI ARABIA	4646	17	73	90	2	8	3	33	28	72	15	87	2
SYRIA	1341	10	21	31	2	11	6	0	10	27	5	32	2
TURKEY	1637	22	21	43	3	6	2	0	9	17	2	19	1
UNITED ARAB EMIRATES	823	8	7	15	2	2	0	0	8	10	2	12	1
RAS AL KHAIMAH	1	0	0	0	0	0	0	0	0	0	0	0	0
YEMEN ARAB REPUBLIC	346	0	4	4	1	0	0	1	4	5	1	6	2
YEMEN, PEOPLE'S DEM. REP.	43	1	0	1	2	1	0	0	0	1	0	1	2
MIDDLE EAST	33648	434	500	934	3	246	144	139	449	978	245	1223	4
ASIA, UNSPECIFIED	2	0	0	0	0	0	0	0	0	0	0	0	0
ASIA REGION UNSPECIFIED	2	0	0	0	0	0	0	0	0	0	0	0	0
ASIA	136501	3363	2388	5751	4	686	309	741	1517	3253	622	3875	3
BULGARIA	14	2	0	2	17	0	0	0	0	0	0	0	0
CZECHOSLOVAKIA	51	3	0	3	6	0	0	0	0	0	0	0	0
GERMAN DEMOCRATIC REP.	34	1	2	3	9	0	0	0	2	2	0	2	6
HUNGARY	85	9	0	9	11	4	0	0	0	4	0	4	5
POLAND	455	20	8	28	6	3	0	8	10	21	2	23	5
ROMANIA	48	5	1	6	13	0	0	2	1	3	0	3	7
U. S. S. R.	41	2	2	4	11	0	0	3	0	3	2	5	13
YUGOSLAVIA	360	21	6	27	8	3	1	1	2	7	3	10	3
EASTERN EUROPE	1088	63	19	82	8	10	1	14	15	40	7	47	4
AUSTRIA	264	14	5	19	7	6	0	1	1	8	2	10	4
BELGIUM	498	16	7	23	5	12	3	4	12	31	3	34	7
DENMARK	381	22	1	23	6	0	0	3	65	68	1	69	18

87

LOCATION		FIELD OF STUDY: FINE & APPLIED ARTS				HEALTH PROFESSIONS							
		ARTS	ARCHIT	TOTAL	%	MEDICINE	DENTIST	NURSING	OTHER	SUB TOT	ALLIED	TOTAL	%
		NUM	NUM	NUM	FS	NUM	NUM	NUM	NUM	NUM	NUM	NUM	FS
FINLAND	395	22	7	29	8	3	1	2	3	14	1	15	4
FRANCE	2526	119	25	144	6	27	10	8	44	89	7	96	4
GERMANY, FED. REP. OF	3227	168	40	208	7	49	7	14	16	86	6	92	3
GIBRALTAR	3	0	0	0	0	0	0	0	0	0	0	0	0
GREECE	2604	70	42	112	4	14	16	7	16	53	10	63	2
VATICAN CITY	3	0	0	0	0	0	0	1	0	1	0	1	33
ICELAND	429	70	11	81	19	2	2	0	3	15	4	17	4
IRELAND	683	24	9	33	5	5	1	10	12	28	6	34	5
ITALY	1237	72	17	89	7	17	4	1	15	39	6	45	4
LIECHTENSTEIN	4	0	0	0	0	0	0	0	0	0	0	0	0
LUXEMBOURG	17	1	0	1	6	0	0	0	0	0	0	0	0
MALTA	37	1	1	2	5	0	0	0	1	1	0	1	3
MONACO	5	0	0	0	0	0	1	1	0	2	0	2	40
NETHERLANDS	997	49	10	59	6	10	4	7	23	44	13	57	6
NORWAY	1385	88	6	94	7	1	1	12	11	25	9	34	2
PORTUGAL	347	17	9	26	8	1	0	4	5	10	0	10	3
SPAIN	1154	56	17	73	7	10	6	12	18	46	2	48	4
SWEDEN	956	62	10	72	8	11	2	5	8	26	6	32	3
SWITZERLAND	651	64	10	74	12	21	0	4	33	58	3	61	10
UNITED KINGDOM	4147	239	70	309	8	43	9	24	54	130	30	160	4
WESTERN EUROPE	21950	1174	297	1471	7	239	67	126	340	772	109	881	4
EUROPE	23038	1237	316	1553	7	249	68	140	355	812	116	928	4
CARIBBEAN, UNSPECIFIED	143	5	3	8	6	1	0	4	5	10	1	11	8
BAHAMAS	1131	27	19	46	4	12	11	25	7	55	23	78	7
BARBADOS	226	6	7	13	6	5	3	5	11	24	2	26	12
CAYMAN ISLANDS	47	1	1	2	4	1	0	2	1	4	1	5	11
CUBA	1132	19	33	52	5	0	44	46	16	106	70	176	16
DOMINICAN REPUBLIC	487	17	12	29	6	1	1	3	5	10	27	37	8
GUADELOUPE	1	0	0	0	0	0	0	0	0	0	0	0	0
HAITI	979	14	20	34	4	3	22	95	31	151	35	186	19
JAMAICA	1425	25	19	44	3	20	26	36	50	132	27	159	11
LEEWARD ISLANDS	6	0	0	0	0	0	0	1	0	1	0	1	17
ANTIGUA	88	0	2	2	2	3	0	3	1	7	1	8	9
BRITISH VIRGIN ISLANDS	67	2	0	2	3	0	0	4	1	5	5	10	15
MONTSERRAT	4	0	0	0	0	0	0	0	0	0	1	1	25
ST. KITTS-NEVIS	19	0	0	0	0	1	0	0	0	1	2	3	16
ANGUILLA	2	0	0	0	0	0	0	1	0	1	0	1	50
MARTINIQUE	9	2	0	2	25	0	0	0	1	1	0	1	13
NETHERLANDS ANTILLES	458	14	2	16	4	2	7	4	11	24	13	37	8
TRINIDAD & TOBAGO	1585	65	58	123	8	33	24	14	43	114	31	145	9
TURKS & CAICOS ISLANDS	14	1	0	1	7	1	0	0	0	1	1	2	14
WINDWARD ISLANDS	5	0	0	0	0	0	0	0	0	0	1	1	20
DOMINICA	32	1	1	2	6	0	2	0	0	2	0	2	6
GRENADA	94	2	0	2	2	2	2	2	3	9	3	12	13

LOCATION		FIELD OF STUDY: FINE & APPLIED ARTS				HEALTH PROFESSIONS							
		ARTS	ARCHIT	TOTAL	%	MEDICINE	DENTIST	NURSING	OTHER	SUB TOT	ALLIED	TOTAL	%
		NUM	NUM	NUM	FS	NUM	NUM	NUM	NUM	NUM	NUM	NUM	FS
ST. LUCIA	45	0	4	4	9	1	0	1	0	2	1	3	7
ST. VINCENT	23	0	1	1	4	0	0	2	1	3	0	3	13
CARIBBEAN	8022	201	182	383	5	86	142	248	187	663	245	908	11
CENTRAL AMERICA, UNSPECIFIE	3	0	0	0	0	0	0	2	0	2	0	2	67
BELIZE	194	2	1	3	2	2	1	4	3	10	4	14	8
COSTA RICA	461	13	11	24	5	1	3	5	3	12	4	16	4
EL SALVADOR	820	16	36	52	6	2	0	3	5	10	9	19	2
GUATEMALA	521	6	15	21	4	4	2	9	2	17	4	21	4
HONDURAS	804	15	12	27	3	3	2	3	10	18	5	23	3
MEXICO	3563	132	58	190	5	16	20	19	33	88	25	113	3
NICARAGUA	1405	12	58	70	5	1	20	28	23	72	56	128	9
PANAMA	1163	28	12	40	3	7	5	7	9	29	16	45	4
CENTRAL AMERICA	9034	224	203	427	5	36	54	80	88	258	123	381	4
SOUTH AMERICA, UNSPECIFIED	5	0	0	0	0	0	0	0	0	0	0	0	0
ARGENTINA	855	49	18	67	8	7	1	4	7	19	3	22	3
BOLIVIA	705	16	24	40	6	3	0	5	3	11	7	18	3
BRAZIL	1893	116	24	140	8	14	7	13	17	51	14	65	4
CHILE	778	24	13	37	5	6	3	4	9	22	5	27	4
COLOMBIA	2729	95	62	157	6	19	23	23	22	87	43	130	5
ECUADOR	711	13	17	30	4	4	1	4	7	16	8	24	3
FALKLAND ISLANDS	1	0	0	0	0	0	0	0	0	0	0	0	0
FRENCH GUIANA	5	0	0	0	0	0	0	0	0	0	0	0	0
GUYANA	322	4	4	8	3	2	4	6	19	31	6	37	12
PARAGUAY	115	4	3	7	6	1	0	0	0	1	1	2	2
PERU	1408	36	25	61	5	10	5	11	9	34	13	47	3
SURINAME	136	3	3	6	5	1	0	0	0	1	1	2	2
URUGUAY	171	4	10	14	8	1	1	0	5	7	1	8	5
VENEZUELA	5089	201	137	338	7	11	21	4	28	64	60	124	3
SOUTH AMERICA	14923	555	340	905	6	79	56	74	125	344	162	506	4
LATIN AMERICA	31979	990	725	1715	5	201	252	402	400	1265	530	1795	6
BERMUDA	458	17	3	20	4	5	2	11	3	21	13	34	8
CANADA	10997	777	207	984	9	117	58	245	394	812	171	983	9
NORTH AMERICAN REGION	11455	794	210	1004	9	122	60	254	397	833	184	1017	9
NORTH AMERICA	11455	794	210	1004	9	122	60	254	397	833	184	1017	9
AUSTRALIA	788	81	15	96	10	26	4	21	30	81	11	92	10
NEW ZEALAND	334	12	2	14	4	3	3	2	17	25	4	29	9
AUSTRALIA + NEW ZEALAND	1322	93	17	110	9	29	7	23	47	106	15	121	9
SOLOMON ISLANDS	2	0	0	0	0	0	0	0	0	0	0	0	0
COOK ISLANDS	5	0	0	0	0	0	0	0	0	0	0	0	0
FIJI	54	1	0	1	2	1	0	2	1	4	0	4	8
FRENCH POLYNESIA	34	1	0	1	4	0	0	0	0	0	0	0	0
KIRIBATI	4	0	0	0	0	0	0	1	0	1	0	1	25
NAURU	2	0	0	0	0	0	0	0	0	0	0	0	0
NEW CALEDONIA	2	0	0	0	0	0	0	0	0	0	0	0	0
PAPUA-NEW GUINEA	26	1	0	1	4	0	0	0	0	0	0	0	0

LOCATION		FIELD OF STUDY: FINE & APPLIED ARTS ARTS NUM	ARCHIT NUM	TOTAL NUM	TOTAL % FS	HEALTH PROFESSIONS MEDICINE NUM	DENTIST NUM	NURSING NUM	OTHER NUM	SUB TOT NUM	ALLIED NUM	TOTAL NUM	TOTAL % FS
NIUE	2	0	0	0	0	0	0	0	0	0	0	0	0
PACIFIC ISLANDS, TRUST TER.	1181	14	3	17	2	9	0	49	2	60	2	62	6
TONGA	22	2	0	2	12	0	0	0	0	0	0	0	0
WALLIS + FUTUNA ISLANDS	1	1	0	1	100	0	0	0	0	0	0	0	0
WESTERN SAMOA	45	3	0	3	7	1	0	0	0	1	2	3	7
PACIFIC OCEAN ISLAND AREA	1380	23	3	26	2	11	0	52	3	66	4	70	5
OCEANIA	2702	116	20	136	5	40	7	75	50	172	19	191	8
STATELESS	628	9	2	11	2	13	1	3	8	25	9	34	6
COUNTRY UNKNOWN	532	8	2	10	3	0	0	1	11	12	2	14	5
STATELESS REGION	1160	17	4	21	2	13	1	4	19	37	11	48	5
STATELESS OR UNKNOWN	1160	17	4	21	2	13	1	4	19	37	11	48	5
******** FINAL TOTALS ****	227966	6782	4091	10873	5	1476	776	1907	3435	7594	1619	9213	4

LOCATION		FIELD OF STUDY: HUMANITIES						MATH & COMPUTER SCIENCES			
		LETTERS	FRN LANG	THEOLOGY	PHIL/REL	TOTAL		COMP SCI	MATH	TOTAL	
		NUM	NUM	NUM	NUM	NUM	% FS	NUM	NUM	NUM	% FS
EASTERN AFRICA, UNSPECIFIED	1	0	0	0	0	0	0	0	0	0	0
DJIBOUTI	10	0	0	0	0	0	0	1	0	1	10
BURUNDI	29	2	4	3	0	9	31	3	1	4	14
COMOROS	9	0	0	0	0	0	0	0	2	2	22
ETHIOPIA	1097	12	4	13	0	29	3	91	18	109	10
KENYA	1136	10	1	34	5	50	4	70	14	84	8
MADAGASCAR	31	0	1	3	0	4	15	1	0	1	4
MALAWI	103	2	1	2	1	6	6	2	2	4	4
MAURITIUS	70	0	3	1	1	5	7	6	3	9	13
MOZAMBIQUE	3	0	0	0	0	0	0	0	0	0	0
ZIMBABWE	337	6	2	19	7	34	10	15	6	21	6
RWANDA	22	0	0	0	0	0	0	1	0	1	5
SEYCHELLES	6	0	0	0	0	0	0	0	0	0	0
SOMALIA	377	9	1	2	0	12	3	21	6	27	7
TANZANIA	401	7	3	19	4	33	8	24	5	29	7
UGANDA	275	4	1	20	4	29	11	8	2	10	4
ZAMBIA	316	1	1	2	2	6	2	19	7	26	8
EASTERN AFRICA	4223	53	22	118	24	217	5	262	66	328	8
ANGOLA	18	0	0	0	0	0	0	0	0	0	0
CAMEROON	628	12	5	3	2	22	4	26	6	32	5
CENTRAL AFRICAN REPUBLIC	12	1	0	0	0	1	10	0	0	0	0
CHAD	12	0	0	1	0	1	8	0	0	0	0
CONGO	8	1	0	0	0	1	14	0	0	0	0
EQUATORIAL GUINEA	6	0	0	0	0	0	0	0	0	0	0
GABON	25	0	0	0	0	0	0	1	0	1	4
SAO TOME & PRINCIPE	2	0	0	0	0	0	0	0	0	0	0
ZAIRE	181	13	8	6	0	27	15	5	5	10	6
CENTRAL AFRICA	892	27	13	10	2	52	6	32	11	43	5
ALGERIA	572	4	6	0	4	14	2	43	45	88	15
CANARY ISLANDS	1	0	0	0	0	0	0	0	0	0	0
EGYPT	1478	47	8	4	3	62	4	80	49	129	9
LIBYA	492	6	2	0	0	8	2	58	22	80	16
MOROCCO	499	11	15	1	0	27	6	47	15	62	13
WESTERN SAHARA	3	0	0	0	0	0	0	0	0	0	0
SUDAN	431	13	3	3	2	21	5	12	4	16	4
TUNISIA	440	2	3	0	0	5	1	8	8	16	4
NORTH AFRICA	3916	83	37	8	9	137	4	243	143	391	10
SOUTHERN AFRICA	1	0	0	0	0	0	0	0	0	0	0
SOUTHERN AFRICA, UNSPECIFIE	4	0	0	0	0	0	0	0	0	0	0
BOTSWANA	163	2	1	1	0	4	2	2	1	3	2
LESOTHO	58	0	0	2	0	2	4	0	0	0	0
NAMIBIA	91	2	0	6	0	8	9	1	0	1	1
SOUTH AFRICA	1231	32	4	62	11	109	9	31	27	58	5
SWAZILAND	101	2	0	0	0	2	2	2	0	2	2
SOUTHERN AFRICA	1649	38	5	71	11	125	8	36	28	64	4

LOCATION		FIELD OF STUDY: HUMANITIES						MATH & COMPUTER SCIENCES			
		LETTERS	FRN LANG	THEOLOGY	PHIL/REL	TOTAL		COMP SCI	MATH	TOTAL	
		NUM	NUM	NUM	NUM	NUM	% FS	NUM	NUM	NUM	% FS
WEST AFRICA, UNSPECIFIED	15	0	0	0	0	0	0	0	0	0	0
CAPE VERDE	44	0	0	1	0	1	2	1	0	1	2
BENIN	13	0	0	0	0	0	0	0	0	0	0
GAMBIA	134	1	1	0	0	2	2	6	2	8	6
GHANA	805	10	7	36	10	63	8	26	22	48	6
GUINEA	44	1	0	0	0	1	2	1	1	2	5
GUINEA-BISSAU	13	0	0	0	0	0	0	0	0	0	0
IVORY COAST	180	4	4	0	0	8	5	9	3	12	7
LIBERIA	630	10	0	33	5	48	8	46	9	55	9
MALI	68	1	0	0	0	1	1	2	0	2	3
MAURITANIA	20	0	0	0	0	0	0	2	0	2	10
NIGER	62	1	0	0	0	1	2	0	1	1	2
NIGERIA	7938	53	18	76	43	190	2	287	67	354	5
SENEGAL	115	6	3	0	0	9	9	5	1	6	6
SIERRA LEONE	273	2	2	9	3	16	6	19	2	21	3
TOGO	46	5	2	0	0	7	16	1	0	1	2
BOURKINA FASO	29	1	0	1	0	2	7	0	0	0	0
WEST AFRICA	10429	95	37	156	61	349	3	405	108	513	5
AFRICA, UNSPECIFIED	22	0	0	0	0	0	0	3	0	3	14
AFRICA REGION UNSPECIFIED	22	0	0	0	0	0	0	3	0	3	14
AFRICA	21131	296	114	363	107	880	4	986	356	1342	6
CHINA	9061	261	36	14	20	331	4	695	546	1241	14
TAIWAN	14988	191	65	55	24	335	2	2547	634	3181	22
HONG KONG	7220	36	10	99	17	162	2	991	201	1192	17
JAPAN	9561	505	138	89	48	780	8	276	182	458	5
KOREA,DEMOCRATIC PEOPLES RE	34	0	0	0	0	0	0	3	0	3	9
KOREA, REPUBLIC OF	11974	279	62	340	83	764	6	745	402	1147	10
MACAO	94	0	0	0	0	0	0	15	4	19	21
EAST ASIA	52932	1272	311	597	192	2372	5	5272	1969	7241	14
SOUTH CENTRAL ASIA	24	1	0	0	1	2	8	2	1	3	13
AFGHANISTAN	59	0	1	0	0	1	2	4	1	5	9
BANGLADESH	1225	9	3	2	2	16	1	86	34	120	10
BHUTAN	8	0	0	0	0	0	0	0	0	0	0
INDIA	10569	130	22	83	25	260	2	1187	292	1479	14
MALDIVES	3	0	0	0	0	0	0	0	0	0	0
NEPAL	331	5	1	1	2	9	3	18	2	20	6
PAKISTAN	3565	11	7	4	2	24	1	439	48	487	14
SRI LANKA	1202	6	0	10	2	18	2	117	78	195	17
SOUTH CENTRAL ASIA	16986	162	34	100	34	330	2	1853	456	2309	14
SOUTH-EAST ASIA	8	0	0	0	0	0	0	8	0	8	100
BRUNEI	26	1	0	1	0	2	8	1	1	2	8
BURMA	132	0	0	7	2	9	7	12	3	15	11
INDONESIA	5617	31	5	27	4	67	1	643	92	740	13
CAMBODIA	110	8	0	1	0	9	8	13	4	17	16

LOCATION		FIELD OF STUDY: HUMANITIES — LETTERS	FRN LANG	THEOLOGY	PHIL/REL	TOTAL		FIELD OF STUDY: MATH & COMPUTER SCIENCES — COMP SCI	MATH	TOTAL	
		NUM	NUM	NUM	NUM	NUM	% FS	NUM	NUM	NUM	% FS
LAOS	314	29	1	10	1	41	13	19	2	21	7
MALAYSIA	15255	192	7	33	4	236	2	1315	426	1741	12
PHILIPPINES	2580	20	6	60	8	94	4	248	70	318	13
PORTUGUESE TIMOR	5	0	0	0	0	0	0	1	0	1	20
SINGAPORE	3109	49	0	27	2	78	3	301	40	341	11
THAILAND	4271	84	14	14	8	120	3	360	65	425	10
VIETNAM	1506	15	7	39	3	64	4	185	56	241	16
SOUTH-EAST ASIA	32933	429	40	219	32	720	2	3111	759	3870	12
MIDDLE EAST, UNSPECIFIED	2	0	0	0	0	0	0	1	0	1	50
BAHRAIN	301	1	0	0	0	1	0	25	6	31	11
CYPRUS	1334	9	4	1	1	15	1	96	18	114	9
IRAN	9694	40	32	2	13	87	1	657	363	1030	12
IRAQ	869	10	0	0	1	11	1	43	31	74	9
ISRAEL	1537	25	6	10	9	50	3	99	47	146	10
JORDAN	4154	72	8	2	2	84	2	340	73	413	10
KUWAIT	2504	21	2	0	1	24	1	231	43	274	11
LEBANON	4575	14	12	5	5	36	1	311	76	387	9
OMAN	378	1	0	0	0	1	0	16	7	23	6
QATAR	473	2	0	0	0	2	0	28	2	30	6
SAUDI ARABIA	4646	60	18	0	2	80	2	436	44	480	10
SYRIA	1341	18	6	3	0	27	2	150	22	172	13
TURKEY	1637	22	8	0	2	32	2	100	35	135	8
UNITED ARAB EMIRATES	823	8	1	0	0	9	1	92	10	102	13
RAS AL KHAIMAH	1	0	0	0	0	0	0	0	0	0	0
YEMEN ARAB REPUBLIC	346	6	1	0	0	7	2	25	5	30	9
YEMEN, PEOPLE'S DEM. REP.	43	0	0	0	0	0	0	5	0	5	12
MIDDLE EAST	33648	309	98	23	36	466	1	2665	782	3447	10
ASIA, UNSPECIFIED	2	0	0	0	0	0	0	0	0	0	0
ASIA REGION UNSPECIFIED	2	0	0	0	0	0	0	0	0	0	0
ASIA	136501	2172	483	939	294	3888	3	12901	3966	16867	13
BULGARIA	14	0	0	0	0	0	0	1	2	3	25
CZECHOSLOVAKIA	51	0	2	1	0	3	6	4	0	4	8
GERMAN DEMOCRATIC REP.	34	2	1	0	0	3	9	1	0	1	3
HUNGARY	35	4	1	3	2	10	12	5	4	9	11
POLAND	455	19	8	5	3	35	8	23	27	50	11
ROMANIA	48	2	1	0	2	5	11	2	2	4	9
U. S. S. R.	41	1	0	0	0	1	3	2	1	3	8
YUGOSLAVIA	360	14	11	3	5	33	9	27	24	51	15
EASTERN EUROPE	1088	42	24	12	12	90	8	65	60	125	12
AUSTRIA	264	13	17	2	5	42	17	12	6	18	7
BELGIUM	498	26	24	5	2	57	12	19	5	24	5
DENMARK	381	9	11	2	2	24	6	7	14	21	6

LOCATION		FIELD OF STUDY: HUMANITIES						MATH & COMPUTER SCIENCES			
		LETTERS	FRN LANG	THEOLOGY	PHIL/REL	TOTAL		COMP SCI	MATH	TOTAL	
		NUM	NUM	NUM	NUM	NUM	% FS	NUM	NUM	NUM	% FS
FINLAND	395	13	9	3	0	25	7	15	5	21	6
FRANCE	2526	89	218	6	5	318	13	76	32	108	4
GERMANY, FED. REP. OF	3227	134	232	46	23	435	14	73	95	168	5
GIBRALTAR	3	0	0	0	0	0	0	1	0	1	33
GREECE	2604	53	12	12	9	86	3	223	137	360	14
VATICAN CITY	3	0	0	0	0	0	0	0	0	0	0
ICELAND	429	10	0	1	6	17	4	29	2	31	7
IRELAND	683	16	7	46	13	82	12	27	22	49	7
ITALY	1237	48	59	6	9	122	10	43	30	73	6
LIECHTENSTEIN	4	0	0	0	0	0	0	0	0	0	0
LUXEMBOURG	17	0	1	0	0	1	6	1	0	1	6
MALTA	37	1	3	0	0	4	11	5	1	7	19
MONACO	5	0	0	0	0	0	0	0	1	1	20
NETHERLANDS	797	18	17	7	3	45	5	36	19	55	6
NORWAY	1385	9	0	7	6	22	2	44	6	50	4
PORTUGAL	347	12	4	1	3	20	6	21	8	29	9
SPAIN	1154	33	141	3	3	180	16	44	22	66	6
SWEDEN	956	21	16	6	6	49	5	42	17	59	6
SWITZERLAND	551	18	15	16	3	52	8	18	7	25	4
UNITED KINGDOM	4147	179	61	64	46	350	9	142	80	222	5
WESTERN EUROPE	21950	707	847	233	144	1931	9	880	509	1389	6
EUROPE	23038	749	871	245	156	2021	9	945	569	1514	7
CARIBBEAN, UNSPECIFIED	143	1	0	3	1	5	4	3	2	5	4
BAHAMAS	1131	12	8	19	2	41	4	69	14	83	7
BARBADOS	226	4	0	1	1	6	3	12	1	13	6
CAYMAN ISLANDS	47	2	0	2	0	4	9	0	1	1	2
CUBA	1132	0	8	2	0	10	1	94	6	100	9
DOMINICAN REPUBLIC	487	5	7	5	1	18	4	23	3	26	5
GUADELOUPE	1	0	0	0	0	0	0	0	0	0	0
HAITI	979	4	4	21	1	30	3	53	5	58	6
JAMAICA	1425	11	6	21	8	46	3	88	14	102	7
LEEWARD ISLANDS	6	0	0	0	0	0	0	0	0	0	0
ANTIGUA	88	1	0	6	1	8	9	2	0	2	2
BRITISH VIRGIN ISLANDS	67	0	1	1	0	2	3	3	0	3	4
MONTSERRAT	4	0	0	0	0	0	0	0	0	0	0
ST. KITTS-NEVIS	19	1	0	0	0	1	5	1	0	1	5
ANGUILLA	2	0	0	0	0	0	0	0	0	0	0
MARTINIQUE	9	0	1	0	0	1	13	1	0	1	13
NETHERLANDS ANTILLES	458	3	3	18	1	25	6	30	4	34	8
TRINIDAD & TOBAGO	1585	9	5	12	7	33	2	142	24	166	11
TURKS & CAICOS ISLANDS	14	0	0	0	0	0	0	2	0	2	14
WINDWARD ISLANDS	5	0	0	0	0	0	0	0	0	0	0
DOMINICA	32	0	0	0	0	0	0	1	0	1	3
GRENADA	94	0	2	2	1	5	5	5	0	5	5

LOCATION		FIELD OF STUDY: HUMANITIES						MATH & COMPUTER SCIENCES			
		LETTERS	FRN LANG	THEOLOGY	PHIL/REL	TOTAL		COMP SCI	MATH	TOTAL	
		NUM	NUM	NUM	NUM	NUM	% FS	NUM	NUM	NUM	% FS
ST. LUCIA	45	1	0	3	0	4	9	1	0	1	2
ST. VINCENT	23	0	0	2	0	2	9	2	0	2	9
CARIBBEAN	8322	54	45	118	24	241	3	532	74	606	8
CENTRAL AMERICA, UNSPECIFIE	3	0	0	0	0	0	0	0	0	0	0
BELIZE	194	2	2	3	2	9	5	5	4	9	5
COSTA RICA	461	8	7	6	3	24	5	23	3	31	7
EL SALVADOR	820	3	10	10	1	24	3	50	2	52	6
GUATEMALA	521	5	3	6	0	14	3	22	3	30	6
HONDURAS	804	2	4	2	4	12	2	65	6	71	9
MEXICO	3663	57	56	17	15	145	4	218	73	291	8
NICARAGUA	1405	9	7	1	4	21	2	119	7	126	9
PANAMA	1163	11	15	1	2	29	3	63	6	74	6
CENTRAL AMERICA	9034	97	104	46	31	278	3	570	114	684	8
SOUTH AMERICA, UNSPECIFIED	5	0	0	0	0	0	0	0	0	0	0
ARGENTINA	855	9	44	6	4	63	8	36	24	60	7
BOLIVIA	705	4	13	3	1	21	3	43	9	52	9
BRAZIL	1893	46	38	46	5	135	7	86	46	132	7
CHILE	778	7	31	8	3	49	7	29	22	51	7
COLOMBIA	2729	39	55	16	7	117	4	161	56	197	7
ECUADOR	711	6	7	9	4	26	4	38	5	43	6
FALKLAND ISLANDS	1	0	0	0	0	0	0	0	0	0	0
FRENCH GUIANA	5	0	0	0	0	0	0	2	0	2	67
GUYANA	322	3	5	4	0	12	4	25	4	29	9
PARAGUAY	115	5	2	6	0	13	11	7	1	8	7
PERU	1408	13	27	19	4	62	5	100	20	120	9
SURINAME	136	4	2	1	0	7	5	11	1	12	9
URUGUAY	171	0	10	4	1	15	9	5	5	10	6
VENEZUELA	5089	26	34	10	4	74	1	527	71	598	12
SOUTH AMERICA	14923	162	268	131	33	594	4	1070	244	1314	9
LATIN AMERICA	31979	313	417	295	88	1113	4	2172	432	2604	8
BERMUDA	458	7	3	18	1	29	6	30	5	35	8
CANADA	10997	211	72	397	124	804	7	245	105	350	3
NORTH AMERICAN REGION	11455	218	75	415	125	833	7	275	110	385	3
NORTH AMERICA	11455	218	75	415	125	833	7	275	110	385	3
AUSTRALIA	988	16	2	111	11	140	15	17	15	32	3
NEW ZEALAND	334	9	1	17	8	35	11	4	18	22	7
AUSTRALIA + NEW ZEALAND	1322	25	3	128	19	175	14	21	33	54	4
SOLOMON ISLANDS	2	0	0	0	0	0	0	0	0	0	0
COOK ISLANDS	5	0	0	0	0	0	0	0	0	0	0
FIJI	54	1	1	4	0	6	12	4	0	4	8
FRENCH POLYNESIA	34	0	1	0	0	1	4	2	0	2	8
KIRIBATI	4	0	0	2	0	2	50	0	0	0	0
NAURU	2	0	0	0	0	0	0	0	0	0	0
NEW CALEDONIA	2	0	1	0	0	1	50	0	0	0	0
PAPUA-NEW GUINEA	26	1	0	4	0	5	19	1	1	2	8

LOCATION		FIELD OF STUDY: HUMANITIES						MATH & COMPUTER SCIENCES			
		LETTERS	FRN LANG	THEOLOGY	PHIL/REL	TOTAL		COMP SCI	MATH	TOTAL	
		NUM	NUM	NUM	NUM	NUM	% FS	NUM	NUM	NUM	% FS
NIUE	2	0	0	0	0	0	0	0	0	0	0
PACIFIC ISLANDS, TRUST TER.	1181	6	1	4	3	14	1	57	14	71	7
TONGA	22	0	0	3	0	3	18	1	0	1	6
WALLIS + FUTUNA ISLANDS	1	0	0	0	0	0	0	0	0	0	0
WESTERN SAMOA	45	1	0	8	4	13	29	0	0	0	0
PACIFIC OCEAN ISLAND AREA	1380	9	4	25	7	45	4	65	15	80	6
OCEANIA	2702	34	7	153	26	220	9	86	48	134	5
STATELESS	628	8	6	0	0	14	2	35	13	48	8
COUNTRY UNKNOWN	532	4	0	1	0	5	2	15	6	22	8
STATELESS REGION	1160	12	6	1	0	19	2	51	19	70	6
STATELESS OR UNKNOWN	1160	12	6	1	0	19	2	51	19	70	6
******** FINAL TOTALS ****	227956	3794	1973	2411	796	8974	4	17416	5500	22916	10

LOCATION		FIELD OF STUDY: PHYSICAL & LIFE SCIENCES					FIELD OF STUDY: SOCIAL SCIENCE					
		PHYS SCI	LIFE SCI	TECHNOL	TOTAL	% FS	AREA STU	SOC SCI	PSYCH	PUBL AFF	TOTAL	% FOS
		NUM	NUM	NUM	NUM		NUM	NUM	NUM	NUM	NUM	
EASTERN AFRICA, UNSPECIFIED	1	0	0	0	0	0	0	0	0	0	0	0
DJIBOUTI	10	0	0	0	0	0	0	1	0	0	1	10
BURUNDI	29	1	0	0	1	3	0	4	0	0	4	14
COMOROS	9	1	0	0	1	11	0	0	0	0	0	0
ETHIOPIA	1097	46	46	2	94	9	5	70	6	8	89	8
KENYA	1136	33	48	1	82	7	5	88	11	9	113	10
MADAGASCAR	31	0	2	0	2	7	1	1	0	0	2	7
MALAWI	103	1	6	0	7	7	1	11	2	0	14	14
MAURITIUS	70	1	4	0	5	7	0	3	1	0	4	6
MOZAMBIQUE	3	0	0	0	0	0	1	1	0	0	2	67
ZIMBABWE	337	12	14	0	26	8	0	18	1	11	30	9
RWANDA	22	1	1	0	2	9	0	1	0	0	1	5
SEYCHELLES	6	1	0	0	1	17	0	1	0	0	1	17
SOMALIA	377	11	9	0	20	6	3	30	2	4	39	11
TANZANIA	401	12	12	2	26	7	0	26	3	4	33	8
UGANDA	275	15	21	1	37	14	1	24	2	6	33	12
ZAMBIA	316	10	14	2	26	8	0	25	2	3	30	10
EASTERN AFRICA	4223	145	177	8	330	8	17	304	30	45	396	10
ANGOLA	18	0	1	0	1	6	0	2	0	0	2	11
CAMEROON	628	30	24	1	55	9	2	68	4	19	93	16
CENTRAL AFRICAN REPUBLIC	12	0	0	0	0	0	0	1	1	0	2	20
CHAD	12	0	2	0	2	17	0	1	0	0	1	8
CONGO	8	0	1	0	1	14	0	0	0	0	0	0
EQUATORIAL GUINEA	6	0	0	0	0	0	0	0	0	0	0	0
GABON	25	1	0	0	1	4	0	4	0	0	4	17
SAO TOME & PRINCIPE	2	0	0	0	0	0	0	2	0	0	2	100
ZAIRE	181	7	8	0	15	8	0	12	0	4	16	9
CENTRAL AFRICA	892	39	36	1	75	9	2	90	5	23	120	14
ALGERIA	572	82	11	1	94	16	0	36	2	0	38	7
CANARY ISLANDS	1	0	0	0	0	0	0	0	0	0	0	0
EGYPT	1478	68	60	1	129	9	7	59	5	7	78	5
LIBYA	492	42	16	1	59	12	3	29	3	5	40	8
MOROCCO	499	14	21	2	37	8	0	31	1	6	38	8
WESTERN SAHARA	3	0	1	0	1	33	0	0	0	0	0	0
SUDAN	431	19	21	2	42	10	1	53	1	19	74	17
TUNISIA	440	7	4	0	11	3	1	14	2	2	19	4
NORTH AFRICA	3916	232	134	7	373	10	12	222	14	39	237	7
SOUTHERN AFRICA	1	0	0	0	0	0	0	0	0	0	0	0
SOUTHERN AFRICA, UNSPECIFIE	4	1	0	0	1	33	0	0	0	0	0	0
BOTSWANA	163	0	8	0	8	5	0	12	1	12	25	15
LESOTHO	58	0	5	0	5	9	0	4	0	1	5	9
NAMIBIA	91	3	6	0	9	10	0	7	1	7	15	17
SOUTH AFRICA	1231	42	48	0	90	7	4	95	41	29	169	14
SWAZILAND	101	2	3	0	5	5	0	5	1	3	9	9
SOUTHERN AFRICA	1649	48	70	0	118	7	4	123	44	52	223	14

LOCATION		FIELD OF STUDY: PHYSICAL & LIFE SCIENCES					SOCIAL SCIENCE					
		PHYS SCI	LIFE SCI	TECHNOL	TOTAL	% FS	AREA STU	SOC SCI	PSYCH	PUBL AFF	TOTAL	% FOS
		NUM	NUM	NUM	NUM		NUM	NUM	NUM	NUM	NUM	
WEST AFRICA, UNSPECIFIED	15	0	0	0	0	0	0	2	0	0	2	13
CAPE VERDE	44	3	4	0	7	16	0	4	0	1	5	11
BENIN	13	0	0	0	0	0	2	3	0	0	5	38
GAMBIA	134	4	6	0	10	8	0	11	0	2	13	10
GHANA	905	52	48	2	102	13	4	78	4	15	101	13
GUINEA	44	1	0	0	1	2	1	8	0	1	10	23
GUINEA-BISSAU	13	0	3	0	3	23	0	0	0	0	0	0
IVORY COAST	180	11	9	0	20	12	1	16	0	2	19	11
LIBERIA	630	11	22	1	34	6	2	48	8	17	75	12
MALI	68	2	7	0	9	13	0	3	0	6	9	13
MAURITANIA	20	0	0	0	0	0	0	3	0	1	4	20
NIGER	62	2	4	0	6	10	0	3	0	1	4	6
NIGERIA	7938	149	232	7	388	5	8	770	64	270	1112	14
SENEGAL	115	0	5	0	5	5	0	17	0	2	19	16
SIERRA LEONE	273	8	9	1	18	7	0	28	0	9	37	14
TOGO	46	0	0	0	0	0	0	10	0	1	11	24
BOURKINA FASO	29	0	4	0	4	15	0	1	0	0	1	4
WEST AFRICA	10429	243	353	11	607	6	18	1005	76	328	1427	14
AFRICA, UNSPECIFIED	22	0	2	0	2	9	0	0	0	0	0	0
AFRICA REGION UNSPECIFIED	22	0	2	0	2	9	0	0	0	0	0	0
AFRICA	21131	706	772	27	1505	7	53	1744	169	487	2453	12
CHINA	9061	1635	563	21	2219	25	54	439	40	29	562	6
TAIWAN	14988	1081	516	38	1635	11	59	481	103	97	740	5
HONG KONG	7220	235	133	12	380	5	12	270	69	42	393	6
JAPAN	9561	235	167	9	411	4	67	782	191	93	1133	12
KOREA,DEMOCRATIC PEOPLES RE	34	0	2	0	2	6	0	3	0	0	3	9
KOREA, REPUBLIC OF	11974	784	426	29	1239	11	33	1251	108	194	1586	13
MACAO	94	3	0	0	3	3	0	6	0	0	6	7
EAST ASIA	52932	3973	1807	109	5889	11	225	3232	511	455	4423	9
SOUTH CENTRAL ASIA	24	0	0	0	0	0	0	4	1	0	5	21
AFGHANISTAN	59	4	2	0	6	10	0	8	0	2	10	17
BANGLADESH	1225	112	34	1	147	12	3	124	3	11	141	12
BHUTAN	8	0	1	0	1	13	0	1	0	2	3	38
INDIA	10569	838	355	25	1218	12	15	443	77	43	578	6
MALDIVES	3	0	0	0	0	0	0	1	0	1	2	67
NEPAL	331	11	6	1	18	6	0	39	1	8	45	15
PAKISTAN	3565	91	52	4	147	4	5	181	17	22	225	6
SRI LANKA	1202	134	70	5	209	18	0	68	6	8	82	7
SOUTH CENTRAL ASIA	16986	1190	520	36	1746	10	23	869	105	97	1094	7
SOUTH-EAST ASIA	8	0	0	0	0	0	0	0	0	0	0	0
BRUNEI	26	0	0	0	0	0	0	3	0	1	4	15
BURMA	132	14	7	0	21	16	0	12	0	1	13	10
INDONESIA	5617	122	55	14	191	3	10	206	28	52	296	5
CAMBODIA	110	4	3	0	7	6	0	3	2	0	5	5

LOCATION		FIELD OF STUDY: PHYSICAL & LIFE SCIENCES					FIELD OF STUDY: SOCIAL SCIENCE					
		PHYS SCI	LIFE SCI	TECHNOL	TOTAL		AREA STU	SOC SCI	PSYCH	PUBL AFF	TOTAL	
		NUM	NUM	NUM	NUM	% FS	NUM	NUM	NUM	NUM	NUM	% FOS
LAOS	316	2	4	0	6	2	0	3	2	8	13	4
MALAYSIA	15255	386	189	15	590	4	5	596	50	117	768	5
PHILIPPINES	2580	100	103	11	214	8	9	171	51	32	263	10
PORTUGUESE TIMOR	5	0	0	0	0	0	0	0	0	0	0	0
SINGAPORE	3109	40	34	2	76	3	3	101	49	16	169	5
THAILAND	4271	107	98	4	209	5	9	317	30	79	435	10
VIETNAM	1506	28	29	1	58	4	1	10	3	2	16	1
SOUTH-EAST ASIA	32933	803	522	47	1372	4	37	1422	215	308	1982	6
MIDDLE EAST, UNSPECIFIED	2	0	0	0	0	0	0	0	0	0	0	0
BAHRAIN	301	5	1	0	6	2	2	16	3	2	23	8
CYPRUS	1334	34	27	7	68	5	0	75	12	6	93	7
IRAN	8684	477	573	18	1068	13	12	399	92	27	530	6
IRAQ	869	37	39	1	77	9	2	33	4	4	43	5
ISRAEL	1537	55	30	4	89	6	58	70	52	11	191	13
JORDAN	4154	99	52	3	154	4	10	163	25	22	220	5
KUWAIT	2504	42	16	2	60	2	8	89	8	49	154	6
LEBANON	4575	64	74	8	146	3	8	118	13	8	147	3
OMAN	378	21	8	4	33	9	0	15	1	2	18	5
QATAR	473	8	5	1	14	3	0	33	3	8	44	9
SAUDI ARABIA	4646	89	45	14	148	3	10	303	47	197	557	12
SYRIA	1341	35	31	1	67	5	0	18	1	1	20	2
TURKEY	1637	106	29	2	137	9	3	161	12	2	178	11
UNITED ARAB EMIRATES	823	21	7	2	30	4	1	32	1	5	39	5
RAS AL KHAIMAH	1	0	0	0	0	0	0	0	0	0	0	0
YEMEN ARAB REPUBLIC	346	12	12	1	25	7	0	19	1	3	23	7
YEMEN, PEOPLE'S DEM. REP.	43	1	0	0	1	2	0	2	0	0	2	5
MIDDLE EAST	33648	1106	949	68	2123	6	114	1546	275	347	2282	7
ASIA, UNSPECIFIED	2	0	0	0	0	0	0	0	0	0	0	0
ASIA REGION UNSPECIFIED	2	0	0	0	0	0	0	0	0	0	0	0
ASIA	136501	7072	3798	260	11130	8	399	7069	1106	1207	9781	7
BULGARIA	14	0	1	0	1	8	0	0	0	0	0	0
CZECHOSLOVAKIA	51	2	0	0	2	4	0	1	0	0	1	2
GERMAN DEMOCRATIC REP.	34	0	0	0	0	0	0	2	1	0	3	9
HUNGARY	85	3	4	1	8	10	1	18	0	0	19	23
POLAND	455	52	16	2	70	16	2	22	3	1	23	5
ROMANIA	48	4	2	0	6	13	1	1	0	0	2	4
U. S. S. R.	41	1	0	0	1	3	0	3	3	1	7	18
YUGOSLAVIA	360	41	9	0	50	14	1	22	6	2	31	9
EASTERN EUROPE	1088	103	32	3	138	13	5	69	13	4	91	9
AUSTRIA	264	14	2	1	17	7	3	30	5	2	40	16
BELGIUM	498	24	16	2	42	9	0	44	7	0	51	11
DENMARK	381	10	13	0	23	6	2	26	5	2	35	9

LOCATION		FIELD OF STUDY: PHYSICAL & LIFE SCIENCES					SOCIAL SCIENCE					
		PHYS SCI	LIFE SCI	TECHNOL	TOTAL		AREA STU	SOC SCI	PSYCH	PUBL AFF	TOTAL	
		NUM	NUM	NUM	NUM	% FS	NUM	NUM	NUM	NUM	NUM	% FOS
FINLAND	395	9	15	0	24	6	6	34	10	1	51	13
FRANCE	2526	97	48	4	149	6	14	180	27	12	233	9
GERMANY, FED. REP. OF	3227	227	113	9	349	11	48	270	56	40	414	13
GIBRALTAR	3	0	0	0	0	0	0	0	0	0	0	0
GREECE	2604	191	78	5	274	11	4	224	36	9	273	11
VATICAN CITY	3	0	0	0	0	0	0	0	0	0	0	0
ICELAND	429	21	17	0	38	9	0	23	12	2	37	9
IRELAND	683	19	22	1	42	6	3	52	21	6	82	12
ITALY	1237	81	25	4	110	9	7	160	23	4	194	16
LIECHTENSTEIN	4	1	0	0	1	25	0	1	0	0	1	25
LUXEMBOURG	17	2	0	0	2	13	0	0	0	1	1	6
MALTA	37	2	0	0	2	5	0	2	2	0	4	11
MONACO	5	0	0	0	0	0	0	0	0	1	1	20
NETHERLANDS	997	40	45	1	86	9	7	72	28	12	119	12
NORWAY	1385	14	7	2	23	2	1	52	7	4	64	5
PORTUGAL	347	15	10	2	27	8	0	30	7	1	38	11
SPAIN	1154	48	39	1	88	8	12	116	24	2	154	14
SWEDEN	956	33	26	0	59	6	5	70	6	7	88	9
SWITZERLAND	651	29	20	1	50	8	3	37	9	2	51	8
UNITED KINGDOM	4147	193	156	13	362	9	37	354	74	36	501	12
WESTERN EUROPE	21950	1070	652	46	1768	8	152	1777	359	144	2432	11
EUROPE	23038	1173	684	49	1906	8	157	1846	372	148	2523	11
CARIBBEAN, UNSPECIFIED	143	5	6	0	11	8	0	6	2	2	10	7
BAHAMAS	1131	34	43	14	91	8	1	50	14	13	78	7
BARBADOS	226	5	15	0	20	9	0	9	6	3	18	8
CAYMAN ISLANDS	47	0	0	0	0	0	0	2	0	2	4	9
CUBA	1132	7	12	15	34	3	0	13	33	11	57	5
DOMINICAN REPUBLIC	487	11	13	4	28	6	1	21	7	3	32	7
GUADELOUPE	1	0	0	0	0	0	0	0	0	0	0	0
HAITI	979	11	18	5	34	4	0	30	12	8	50	5
JAMAICA	1425	31	75	1	107	8	2	60	45	16	123	9
LEEWARD ISLANDS	6	0	0	0	0	0	0	0	0	0	0	0
ANTIGUA	88	2	4	0	6	7	0	2	1	1	4	5
BRITISH VIRGIN ISLANDS	67	1	2	0	3	4	0	4	1	1	6	9
MONTSERRAT	4	0	0	0	0	0	0	0	0	0	0	0
ST. KITTS-NEVIS	19	0	1	0	1	5	0	2	0	1	3	16
ANGUILLA	2	0	0	0	0	0	0	0	0	0	0	0
MARTINIQUE	9	0	0	0	0	0	0	0	0	0	0	0
NETHERLANDS ANTILLES	458	11	14	0	25	6	1	25	15	10	51	11
TRINIDAD & TOBAGO	1585	45	80	3	128	8	2	51	44	9	106	7
TURKS & CAICOS ISLANDS	14	0	1	0	1	7	0	0	0	0	0	0
WINDWARD ISLANDS	5	0	0	0	0	0	0	0	0	0	0	0
DOMINICA	32	0	1	1	2	6	0	1	1	0	2	6
GRENADA	94	6	7	0	13	14	0	7	1	0	8	9

LOCATION		FIELD OF STUDY: PHYSICAL & LIFE SCIENCES					FIELD OF STUDY: SOCIAL SCIENCE					
		PHYS SCI	LIFE SCI	TECHNOL	TOTAL		AREA STU	SOC SCI	PSYCH	PUBL AFF	TOTAL	
		NUM	NUM	NUM	NUM	% FS	NUM	NUM	NUM	NUM	NUM	% FOS
ST. LUCIA	45	0	2	1	3	7	0	4	0	0	4	9
ST. VINCENT	23	2	0	0	2	9	0	2	0	0	2	9
CARIBBEAN	8022	171	294	44	509	6	7	289	182	80	558	7
CENTRAL AMERICA, UNSPECIFIE	3	0	0	0	0	0	0	0	0	0	0	0
BELIZE	194	8	8	1	17	10	1	13	3	1	18	10
COSTA RICA	461	16	20	1	37	8	1	29	5	2	37	8
EL SALVADOR	820	5	19	1	25	3	3	38	19	6	66	8
GUATEMALA	521	26	12	1	39	8	2	26	10	4	42	8
HONDURAS	804	12	16	3	31	4	0	47	12	1	60	8
MEXICO	3663	168	103	8	279	8	14	216	67	34	331	9
NICARAGUA	1405	18	13	3	34	2	3	32	17	14	66	5
PANAMA	1163	17	26	2	45	4	3	57	19	3	82	7
CENTRAL AMERICA	9034	270	217	20	507	6	27	458	152	65	702	8
SOUTH AMERICA, UNSPECIFIED	5	0	0	0	0	0	0	0	0	0	0	0
ARGENTINA	855	35	42	1	78	10	7	85	17	4	113	14
BOLIVIA	705	13	5	1	19	3	3	62	10	5	80	12
BRAZIL	1893	69	87	7	163	9	10	137	34	4	185	10
CHILE	778	51	39	5	95	13	2	58	21	7	88	12
COLOMBIA	2729	54	92	4	160	6	8	136	45	7	196	7
ECUADOR	711	14	22	0	36	5	4	35	14	3	56	8
FALKLAND ISLANDS	1	0	0	0	0	0	0	0	0	0	0	0
FRENCH GUIANA	5	0	0	0	0	0	0	0	0	0	0	0
GUYANA	322	14	11	0	25	8	2	20	4	3	29	9
PARAGUAY	115	2	2	0	4	4	1	12	1	0	14	12
PERU	1408	42	29	2	73	5	9	114	20	16	159	12
SURINAME	136	5	3	1	9	7	0	2	2	0	4	3
URUGUAY	171	9	11	0	20	12	2	12	6	0	20	12
VENEZUELA	5089	122	97	13	232	5	11	178	72	36	297	6
SOUTH AMERICA	14923	440	440	34	914	6	59	851	246	85	1241	9
LATIN AMERICA	31979	881	951	98	1930	6	93	1598	580	230	2501	8
BERMUDA	458	9	14	0	23	5	0	16	15	9	40	9
CANADA	10997	325	382	14	721	7	42	546	375	238	1201	11
NORTH AMERICAN REGION	11455	334	396	14	744	7	42	562	390	247	1241	11
NORTH AMERICA	11455	334	396	14	744	7	42	562	390	247	1241	11
AUSTRALIA	988	30	29	4	63	7	3	70	40	9	122	13
NEW ZEALAND	334	16	11	1	28	9	0	27	5	2	34	11
AUSTRALIA + NEW ZEALAND	1322	46	40	5	91	7	3	97	45	11	156	12
SOLOMON ISLANDS	2	1	1	0	2	100	0	0	0	0	0	0
COOK ISLANDS	5	0	0	0	0	0	1	2	0	0	3	60
FIJI	54	3	3	1	7	14	0	3	1	0	4	8
FRENCH POLYNESIA	34	1	5	1	7	28	0	0	0	0	0	0
KIRIBATI	4	0	0	0	0	0	0	0	0	0	0	0
NAURU	2	0	0	0	0	0	0	1	0	0	1	50
NEW CALEDONIA	2	0	0	0	0	0	0	1	0	0	1	50
PAPUA-NEW GUINEA	26	0	0	0	0	0	1	4	0	0	5	19

101

LOCATION		FIELD OF STUDY: PHYSICAL & LIFE SCIENCES					SOCIAL SCIENCE				
		PHYS SCI	LIFE SCI	TECHNOL	TOTAL		AREA STU	SOC SCI	PSYCH	PUBL AFF	TOTAL
		NUM	NUM	NUM	NUM	% FOS	NUM	NUM	NUM	NUM	NUM % FOS
NIUE	2	1	0	0	1	50	0	0	0	0	0 0
PACIFIC ISLANDS, TRUST TER.	1181	6	32	0	38	4	0	56	14	113	213 20
TONGA	22	0	0	0	0	0	0	2	0	0	2 12
WALLIS + FUTUNA ISLANDS	1	0	0	0	0	0	0	0	0	0	0 0
WESTERN SAMOA	45	2	2	0	4	9	0	3	0	0	3 7
PACIFIC OCEAN ISLAND AREA	1380	14	43	2	59	5	2	102	15	113	232 19
OCEANIA	2702	60	83	7	150	6	5	199	60	124	388 15
STATELESS	628	26	12	3	41	7	0	29	1	7	36 6
COUNTRY UNKNOWN	532	16	6	0	22	8	0	12	4	8	24 8
STATELESS REGION	1160	42	18	3	63	7	0	40	5	15	60 7
STATELESS OR UNKNOWN	1160	42	18	3	63	7	0	40	5	15	60 7
******** FINAL TOTALS ****	227966	10268	6702	458	17428	8	749	13058	2682	2458	18947 8

LOCATION		FIELD OF STUDY: OTHER FIELDS OF STUDY									
		COMMUNIC	HOME EC	LAW	LIB/GEN	LIBRARY	MILITARY	MULTDISC	PERS SOC	TOTAL	
		NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	% OTH
EASTERN AFRICA, UNSPECIFIED	1	0	0	0	0	0	0	0	0	0	0
DJIBOUTI	10	0	0	0	1	0	0	0	0	1	10
BURUNDI	29	1	0	0	0	0	1	0	0	2	7
COMOROS	9	0	0	0	0	0	0	0	0	0	0
ETHIOPIA	1397	6	8	7	47	2	1	5	1	77	7
KENYA	1136	18	18	5	29	0	3	5	1	79	7
MADAGASCAR	31	0	0	0	1	0	0	0	0	1	4
MALAWI	103	1	5	0	0	0	1	2	1	10	10
MAURITIUS	70	1	1	0	1	0	0	0	0	3	4
MOZAMBIQUE	3	0	0	0	0	0	0	0	0	0	0
ZIMBABWE	337	4	11	2	3	4	1	1	0	26	8
RWANDA	22	1	0	0	0	0	0	0	0	1	5
SEYCHELLES	6	0	0	1	0	0	0	0	0	1	17
SOMALIA	377	2	5	1	16	1	2	0	0	27	7
TANZANIA	401	10	4	4	9	2	0	3	1	33	8
UGANDA	275	3	3	5	8	2	0	2	1	24	9
ZAMBIA	316	5	1	2	15	5	0	2	3	33	11
EASTERN AFRICA	4223	52	56	27	130	16	9	20	4	318	8
ANGOLA	18	0	0	0	0	0	0	0	1	1	6
CAMEROON	628	15	4	6	16	2	0	3	0	46	8
CENTRAL AFRICAN REPUBLIC	12	0	0	1	0	0	0	0	0	1	10
CHAD	12	0	0	0	0	0	0	0	0	0	0
CONGO	8	0	0	0	0	0	0	0	0	0	0
EQUATORIAL GUINEA	6	0	0	0	0	0	0	0	0	0	0
GABON	25	1	0	0	0	0	0	1	0	2	8
SAO TOME & PRINCIPE	2	0	0	0	0	0	0	0	0	0	0
ZAIRE	181	0	0	2	2	1	1	1	0	7	4
CENTRAL AFRICA	892	16	4	9	18	3	1	5	1	57	7
ALGERIA	572	1	2	3	2	1	1	1	0	11	2
CANARY ISLANDS	1	0	0	0	0	0	0	0	0	0	0
EGYPT	1478	7	2	4	28	9	1	4	1	56	4
LIBYA	492	1	2	1	10	0	0	4	2	20	4
MOROCCO	499	5	5	1	10	0	3	2	2	28	6
WESTERN SAHARA	3	0	0	0	0	0	0	0	0	0	0
SUDAN	431	7	3	1	4	0	2	2	2	21	5
TUNISIA	440	2	0	0	8	1	2	1	0	14	3
NORTH AFRICA	3916	23	14	10	42	11	9	14	7	150	4
SOUTHERN AFRICA	1	0	0	0	0	0	0	0	0	0	0
SOUTHERN AFRICA, UNSPECIFIE	4	1	0	0	0	0	0	0	0	1	33
BOTSWANA	163	2	3	0	1	1	1	0	0	8	5
LESOTHO	58	1	0	0	1	0	0	0	0	2	4
NAMIBIA	91	7	0	1	2	0	0	0	0	10	11
SOUTH AFRICA	1231	33	20	17	42	1	1	2	5	121	10
SWAZILAND	101	1	2	0	2	0	0	0	0	5	5
SOUTHERN AFRICA	1649	45	25	18	48	2	2	2	5	147	9

LOCATION		FIELD OF STUDY: OTHER FIELDS OF STUDY									
		COMMUNIC	HOME EC	LAW	LIB/GEN	LIBRARY	MILITARY	MULTDISC	PERS SOC	TOTAL	
		NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	% OTH
WEST AFRICA, UNSPECIFIED	15	1	0	0	3	0	0	0	0	4	27
CAPE VERDE	44	0	0	0	0	0	0	0	0	0	0
BENIN	13	1	0	0	0	0	0	0	0	1	8
GAMBIA	134	1	2	1	2	0	0	2	2	10	8
GHANA	805	15	8	10	19	1	2	4	1	60	8
GUINEA	44	0	1	0	4	0	0	0	0	5	12
GUINEA-BISSAU	13	0	0	0	0	0	0	0	0	0	0
IVORY COAST	180	1	0	0	1	0	1	1	1	5	3
LIBERIA	630	7	1	4	18	1	1	3	0	35	6
MALI	68	0	0	0	1	0	1	2	1	5	7
MAURITANIA	20	0	0	0	0	0	0	0	0	0	0
NIGER	62	0	1	0	0	0	0	0	0	1	2
NIGERIA	7938	207	105	28	150	8	3	20	9	530	7
SENEGAL	115	0	0	0	2	0	1	5	0	8	8
SIERRA LEONE	273	7	3	1	2	0	1	3	0	17	7
TOGO	46	0	0	0	0	0	0	2	0	2	4
BOURKINA FASO	29	1	1	0	1	0	0	0	0	3	11
WEST AFRICA	10429	241	122	44	203	10	10	42	14	686	7
AFRICA, UNSPECIFIED	22	0	0	0	3	0	0	0	0	3	14
AFRICA REGION UNSPECIFIED	22	0	0	0	3	0	0	0	0	3	14
AFRICA	21131	377	221	108	464	42	31	93	35	1361	7
CHINA	9061	55	32	54	97	43	0	54	4	339	4
TAIWAN	14988	197	137	60	92	67	8	57	6	624	4
HONG KONG	7220	107	70	10	174	12	1	27	6	407	6
JAPAN	9561	201	67	110	606	10	3	38	15	1051	11
KOREA, DEMOCRATIC PEOPLES RE	34	0	0	0	3	0	0	0	0	3	9
KOREA, REPUBLIC OF	11974	142	160	52	190	11	26	49	11	641	5
MACAO	94	1	0	0	3	0	0	0	0	4	4
EAST ASIA	52932	703	466	286	1165	143	38	225	43	3069	6
SOUTH CENTRAL ASIA	24	1	0	0	0	0	0	0	0	1	4
AFGHANISTAN	59	3	0	1	5	0	0	1	0	10	17
BANGLADESH	1225	6	5	4	11	0	1	6	0	33	3
BHUTAN	8	0	0	0	0	0	0	0	0	0	0
INDIA	10569	129	39	25	150	13	3	53	12	424	4
MALDIVES	3	0	0	0	0	0	0	0	0	0	0
NEPAL	331	3	1	0	4	0	2	0	0	10	3
PAKISTAN	3565	20	15	10	48	1	5	9	4	112	3
SRI LANKA	1202	13	2	6	19	0	2	5	8	55	5
SOUTH CENTRAL ASIA	16986	175	62	46	237	14	13	74	24	645	4
SOUTH-EAST ASIA	8	0	0	0	0	0	0	0	0	0	0
BRUNEI	26	0	0	1	1	0	0	0	0	2	8
BURMA	132	0	0	0	3	0	1	0	0	4	3
INDONESIA	5617	53	36	20	115	2	1	17	4	248	5
CAMBODIA	110	2	0	0	14	0	0	0	0	16	15

FIELD OF STUDY

LOCATION		COMMUNIC	HOME EC	LAW	OTHER FIELDS OF STUDY LIB/GEN	LIBRARY	MILITARY	MULTDISC	PERS SOC	TOTAL	
		NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	% OTH
LAOS	314	1	0	2	24	0	0	0	11	38	12
MALAYSIA	15255	109	33	5	189	13	13	41	7	410	3
PHILIPPINES	2580	42	25	22	76	1	3	14	3	186	7
PORTUGUESE TIMOR	5	0	0	0	0	0	0	0	0	0	0
SINGAPORE	3109	111	14	8	177	3	2	5	3	323	11
THAILAND	4271	46	26	55	59	8	3	16	6	219	5
VIETNAM	1506	1	1	4	53	0	0	1	22	32	6
SOUTH-EAST ASIA	32933	365	135	117	711	27	23	94	56	1528	5
MIDDLE EAST, UNSPECIFIED	2	0	0	0	0	0	0	0	0	0	0
BAHRAIN	301	1	1	1	4	0	0	1	0	8	3
CYPRUS	1334	11	7	1	30	0	0	7	14	70	5
IRAN	9684	40	48	17	220	3	0	72	12	412	5
IRAQ	869	3	3	0	15	1	0	3	2	27	3
ISRAEL	1537	18	7	13	37	2	2	10	15	104	7
JORDAN	4154	18	4	2	101	5	4	8	11	153	4
KUWAIT	2504	45	5	7	51	6	2	4	5	125	5
LEBANON	4575	38	11	8	90	2	3	17	11	180	4
OMAN	378	1	0	0	9	0	5	2	1	18	5
QATAR	473	3	0	1	20	1	0	1	1	27	6
SAUDI ARABIA	4646	47	14	14	106	24	4	19	1	229	5
SYRIA	1341	10	3	1	30	0	2	3	4	53	4
TURKEY	1637	15	9	2	37	0	17	3	2	85	5
UNITED ARAB EMIRATES	823	9	1	4	11	0	0	1	1	27	3
RAS AL KHAIMAH	1	0	0	0	0	0	0	0	0	0	0
YEMEN ARAB REPUBLIC	346	5	0	0	12	2	1	3	0	23	7
YEMEN, PEOPLE'S DEM. REP.	43	0	0	0	1	0	0	0	0	1	2
MIDDLE EAST	33648	264	113	71	774	46	40	154	80	1542	5
ASIA, UNSPECIFIED	2	0	0	0	0	0	0	0	0	0	0
ASIA REGION UNSPECIFIED	2	0	0	0	0	0	0	0	0	0	0
ASIA	136501	1507	776	520	2887	230	114	547	203	6784	5
BULGARIA	14	0	0	0	0	0	0	1	0	1	8
CZECHOSLOVAKIA	51	1	1	1	5	0	0	0	0	8	16
GERMAN DEMOCRATIC REP.	34	1	0	0	3	0	0	0	0	4	12
HUNGARY	85	0	0	0	2	0	0	1	1	4	5
POLAND	455	3	2	4	14	0	0	0	2	25	6
ROMANIA	48	0	0	1	3	0	0	1	0	5	11
U. S. S. R.	41	0	0	1	0	0	0	0	0	1	3
YUGOSLAVIA	360	4	1	1	6	1	0	1	1	15	4
EASTERN EUROPE	1088	9	4	8	33	1	0	4	4	63	6
AUSTRIA	264	5	1	12	11	0	1	2	1	33	13
BELGIUM	498	7	4	27	20	0	1	0	0	59	12
DENMARK	381	13	2	6	24	1	0	3	0	49	13

LOCATION		FIELD OF STUDY: OTHER FIELDS OF STUDY									
		COMMUNIC	HOME EC	LAW	LIB/GEN	LIBRARY	MILITARY	MULTDISC	PERS SOC	TOTAL	
		NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	% OTH
FINLAND	395	5	4	3	15	0	0	4	1	32	8
FRANCE	2526	52	9	35	95	2	1	5	4	193	8
GERMANY, FED. REP. OF	3227	52	23	57	162	1	5	15	7	322	10
GIBRALTAR	3	0	0	0	0	0	0	1	0	1	33
GREECE	2604	25	4	13	51	0	11	11	4	119	5
VATICAN CITY	3	0	0	0	0	0	0	0	0	0	0
ICELAND	429	14	4	3	9	0	0	1	0	31	7
IRELAND	683	20	4	5	40	2	1	2	3	77	12
ITALY	1237	21	10	15	56	0	3	4	1	110	9
LIECHTENSTEIN	4	0	0	0	0	0	0	0	0	0	0
LUXEMBOURG	17	2	0	0	0	0	0	1	0	3	19
MALTA	37	0	0	0	0	0	0	0	0	0	0
MONACO	5	0	0	0	0	0	0	0	0	0	0
NETHERLANDS	997	13	10	11	58	0	0	7	3	102	10
NORWAY	1385	61	7	3	41	0	1	0	1	114	8
PORTUGAL	347	5	1	2	9	0	1	2	2	22	7
SPAIN	1154	15	1	10	57	1	3	4	3	94	8
SWEDEN	956	34	7	7	63	0	0	8	3	122	13
SWITZERLAND	651	13	5	18	27	1	3	1	0	68	11
UNITED KINGDOM	4147	111	26	37	161	8	4	23	13	383	9
WESTERN EUROPE	21950	468	122	264	889	18	35	94	46	1934	9
EUROPE	23038	477	126	272	922	17	35	98	50	1997	9
CARIBBEAN, UNSPECIFIED	143	1	3	0	10	0	0	2	3	19	13
BAHAMAS	1131	28	9	4	56	0	4	3	5	109	10
BARBADOS	226	5	4	0	11	0	0	1	0	21	10
CAYMAN ISLANDS	47	1	0	1	1	1	0	0	0	4	9
CUBA	1132	8	8	20	31	0	0	0	16	83	7
DOMINICAN REPUBLIC	487	6	3	2	20	1	0	4	7	43	9
GUADELOUPE	1	0	0	0	0	0	0	0	0	0	0
HAITI	979	9	7	2	42	1	0	2	8	71	7
JAMAICA	1425	30	13	13	61	0	1	14	6	138	10
LEEWARD ISLANDS	6	0	0	0	0	0	0	0	0	0	0
ANTIGUA	88	3	1	1	3	0	0	1	1	10	11
BRITISH VIRGIN ISLANDS	67	2	2	1	1	0	0	0	0	6	9
MONTSERRAT	4	0	0	1	0	0	0	0	0	1	25
ST. KITTS-NEVIS	19	1	0	0	1	0	0	0	0	2	11
ANGUILLA	2	0	0	0	0	0	0	0	0	0	0
MARTINIQUE	9	0	0	0	1	0	0	0	0	1	13
NETHERLANDS ANTILLES	458	11	5	0	16	0	0	2	5	40	9
TRINIDAD & TOBAGO	1585	29	40	7	52	0	1	1	1	131	3
TURKS & CAICOS ISLANDS	14	0	0	0	1	0	0	0	0	1	7
WINDWARD ISLANDS	5	0	0	0	1	0	0	0	0	1	20
DOMINICA	32	0	0	1	2	0	0	0	0	3	10
GRENADA	94	1	4	1	1	0	0	0	0	7	7

LOCATION		FIELD OF STUDY: OTHER FIELDS OF STUDY									
		COMMUNIC	HOME EC	LAW	LIB/GEN	LIBRARY	MILITARY	MULTDISC	PERS SOC	TOTAL	
		NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	% OTH
ST. LUCIA	45	0	1	0	0	1	0	1	0	3	7
ST. VINCENT	23	0	1	0	1	0	0	0	0	2	9
CARIBBEAN	8022	135	101	54	312	4	6	31	53	696	9
CENTRAL AMERICA, UNSPECIFIE	3	0	0	0	0	0	0	0	0	0	0
BELIZE	194	3	3	1	1	0	0	3	1	12	7
COSTA RICA	461	10	3	3	14	1	1	1	1	34	8
EL SALVADOR	820	7	9	2	28	0	0	0	1	47	6
GUATEMALA	521	5	3	3	15	0	2	2	1	31	6
HONDURAS	804	7	8	5	18	0	1	1	1	41	5
MEXICO	3663	58	25	24	117	1	4	14	5	248	7
NICARAGUA	1405	10	7	23	48	0	0	4	7	99	7
PANAMA	1163	17	5	19	40	0	37	2	0	120	10
CENTRAL AMERICA	9034	117	63	80	291	2	45	27	17	632	7
SOUTH AMERICA, UNSPECIFIED	5	0	0	0	0	0	0	0	0	0	0
ARGENTINA	855	12	6	9	33	0	1	4	1	66	8
BOLIVIA	705	8	6	1	14	0	0	1	1	31	5
BRAZIL	1893	30	9	11	52	2	7	12	2	125	7
CHILE	778	14	4	5	24	0	0	2	1	50	7
COLOMBIA	2729	69	33	16	115	2	3	11	7	256	10
ECUADOR	711	25	5	2	27	0	1	4	3	67	10
FALKLAND ISLANDS	1	0	0	0	0	0	0	0	0	0	0
FRENCH GUIANA	5	0	0	0	0	0	0	0	0	0	0
GUYANA	322	5	7	1	21	1	0	1	2	38	12
PARAGUAY	115	2	0	2	6	0	0	2	0	12	11
PERU	1408	21	8	11	53	0	1	5	4	103	8
SURINAME	136	1	2	0	13	0	0	0	0	16	12
URUGUAY	171	2	0	1	4	0	1	1	0	9	5
VENEZUELA	5089	93	25	16	166	1	5	22	12	340	7
SOUTH AMERICA	14923	282	105	75	528	6	19	65	33	1113	8
LATIN AMERICA	31979	534	269	209	1121	12	70	123	103	2441	8
BERMUDA	458	6	7	1	35	1	0	2	3	55	12
CANADA	10997	272	138	100	597	15	15	67	50	1254	12
NORTH AMERICAN REGION	11455	278	145	101	632	16	15	69	53	1309	12
NORTH AMERICA	11455	278	145	101	632	16	15	69	53	1309	12
AUSTRALIA	988	17	8	12	35	3	2	6	12	95	10
NEW ZEALAND	334	8	2	4	7	0	1	0	5	27	8
AUSTRALIA + NEW ZEALAND	1322	25	10	16	42	3	3	6	17	122	10
SOLOMON ISLANDS	2	0	0	0	0	0	0	0	0	0	0
COOK ISLANDS	5	0	1	0	0	0	0	0	0	1	20
FIJI	54	0	1	0	2	0	0	0	0	3	6
FRENCH POLYNESIA	34	0	0	0	0	0	0	0	0	0	0
KIRIBATI	4	0	0	0	0	0	0	0	0	0	0
NAURU	2	0	0	0	1	0	0	0	0	1	50
NEW CALEDONIA	2	0	0	0	0	0	0	0	0	0	0
PAPUA-NEW GUINEA	26	1	0	2	0	3	0	0	0	6	23

LOCATION		FIELD OF STUDY: OTHER FIELDS OF STUDY									
		COMMUNIC	HOME EC	LAW	LIB/GEN	LIBRARY	MILITARY	MULTDISC	PERS SOC	TOTAL	
		NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	NUM	% OTH
NIUE	2	0	0	0	0	0	0	0	0	0	0
PACIFIC ISLANDS, TRUST TER.	1181	10	11	8	75	0	0	4	0	108	10
TONGA	22	0	0	0	2	1	0	0	0	3	18
WALLIS + FUTUNA ISLANDS	1	0	0	0	0	0	0	0	0	0	0
WESTERN SAMOA	45	0	0	0	1	0	0	0	0	1	2
PACIFIC OCEAN ISLAND AREA	1380	11	13	10	81	4	0	4	0	123	10
OCEANIA	2702	36	23	26	123	7	3	10	17	245	10
STATELESS	628	13	1	3	29	0	0	3	0	49	8
COUNTRY UNKNOWN	532	3	0	2	6	0	0	2	0	13	5
STATELESS REGION	1160	16	1	5	35	0	0	5	0	62	7
STATELESS OR UNKNOWN	1160	16	1	5	35	0	0	5	0	62	7
******** FINAL TOTALS ****	227966	3225	1561	1241	6186	324	268	935	461	14199	6

LOCATION		FIELD OF STUDY: INTENSIVE ENGLISH		NOT DECLARED		GRAND TOTAL	
		NUM	% FOS	NUM	% FOS	NUM	% FOS
EASTERN AFRICA, UNSPECIFIED	1	0	0	0	0	1	100
DJIBOUTI	10	1	10	1	10	10	100
BURUNDI	29	0	0	1	3	29	100
COMOROS	9	0	0	0	0	9	100
ETHIOPIA	1097	20	2	103	10	1066	97
KENYA	1136	2	0	73	7	1114	98
MADAGASCAR	31	0	0	1	4	27	87
MALAWI	103	2	2	2	2	100	97
MAURITIUS	70	0	0	5	7	69	99
MOZAMBIQUE	3	0	0	0	0	3	100
ZIMBABWE	337	0	0	19	6	331	98
RWANDA	22	0	0	1	5	22	100
SEYCHELLES	6	0	0	0	0	6	100
SOMALIA	377	6	2	30	8	362	96
TANZANIA	401	1	0	20	5	393	98
UGANDA	275	1	0	12	4	267	97
ZAMBIA	316	0	0	17	5	314	99
EASTERN AFRICA	4223	33	1	285	7	4123	98
ANGOLA	18	0	0	3	17	18	100
CAMEROON	628	5	1	38	6	591	94
CENTRAL AFRICAN REPUBLIC	12	0	0	0	0	10	83
CHAD	12	0	0	2	17	12	100
CONGO	8	0	0	1	14	7	88
EQUATORIAL GUINEA	6	0	0	0	0	6	100
GABON	25	1	4	6	25	24	96
SAO TOME & PRINCIPE	2	0	0	0	0	2	100
ZAIRE	181	5	3	8	4	178	98
CENTRAL AFRICA	392	11	1	58	7	848	95
ALGERIA	572	2	0	44	8	571	100
CANARY ISLANDS	1	0	0	0	0	1	100
EGYPT	1478	16	1	47	3	1463	99
LIBYA	492	5	1	16	3	488	99
MOROCCO	499	9	2	30	6	482	97
WESTERN SAHARA	3	0	0	0	0	3	100
SUDAN	431	7	2	15	3	429	100
TUNISIA	440	22	5	25	6	424	96
NORTH AFRICA	3916	61	2	177	5	3861	99
SOUTHERN AFRICA	1	0	0	1	100	1	100
SOUTHERN AFRICA, UNSPECIFIE	4	0	0	1	33	3	75
BOTSWANA	163	0	0	5	3	163	100
LESOTHO	58	0	0	2	4	56	97
NAMIBIA	91	0	0	6	7	89	98
SOUTH AFRICA	1231	2	0	68	6	1202	98
SWAZILAND	101	0	0	11	11	101	100
SOUTHERN AFRICA	1649	2	0	94	6	1615	98

C.2 GENDER

LOCATION	MALE NUM	MALE % M+F	FEMALE NUM	FEMALE % M+F	TOTAL NUM	TOTAL % ST3
EASTERN AFRICA, UNSPECIFIED	1	100	0	0	1	100
DJIBOUTI	8	80	2	20	10	100
BURUNDI	23	88	3	12	26	90
COMOROS	6	67	3	33	9	100
ETHIOPIA	614	60	414	40	1028	96
KENYA	707	68	329	32	1036	91
MADAGASCAR	20	67	10	33	30	97
MALAWI	71	73	26	27	97	96
MAURITIUS	43	81	10	19	53	76
MOZAMBIQUE	2	67	1	33	3	100
ZIMBABWE	227	72	88	28	315	93
RWANDA	19	100	0	0	19	86
SEYCHELLES	2	40	3	60	5	83
SOMALIA	260	76	82	24	342	91
TANZANIA	275	76	88	24	363	91
UGANDA	166	63	96	37	262	95
ZAMBIA	217	75	72	25	289	91
EASTERN AFRICA	2661	68	1227	32	3888	92
ANGOLA	11	69	5	31	16	89
CAMEROON	403	68	194	32	597	95
CENTRAL AFRICAN REPUBLIC	11	92	1	8	12	100
CHAD	4	100	0	0	4	33
CONGO	5	71	2	29	7	88
EQUATORIAL GUINEA	6	100	0	0	6	100
GABON	14	64	8	36	22	88
SAO TOME & PRINCIPE	0	0	2	100	2	100
ZAIRE	130	79	35	21	165	91
CENTRAL AFRICA	584	70	247	30	831	93
ALGERIA	437	88	59	12	496	87
CANARY ISLANDS	1	100	0	0	1	100
EGYPT	1141	85	199	15	1339	91
LIBYA	430	94	26	6	456	93
MOROCCO	364	81	84	19	448	90
WESTERN SAHARA	3	100	0	0	3	100
SUDAN	360	92	31	8	391	91
TUNISIA	325	87	48	13	373	85
NORTH AFRICA	3061	87	446	13	3507	90
SOUTHERN AFRICA	1	100	0	0	1	100
SOUTHERN AFRICA, UNSPECIFIE	3	75	1	25	4	100
BOTSWANA	97	67	47	33	144	98
LESOTHO	31	60	21	40	52	90
NAMIBIA	60	70	26	30	86	95
SOUTH AFRICA	696	65	382	35	1078	88
SWAZILAND	60	66	31	34	91	90
SOUTHERN AFRICA	949	65	508	35	1456	88

LOCATION		FIELD OF STUDY: INTENSIVE ENGLISH		FIELD OF STUDY: NOT DECLARED		FIELD OF STUDY: GRAND TOTAL		GENDER: MALE		GENDER: FEMALE		GENDER: TOTAL	
		NUM	% FOS	NUM	% FOS	NUM	% FOS	NUM	% M+F	NUM	% M+F	NUM	% ST3
WEST AFRICA, UNSPECIFIED	15	0	0	2	13	15	100	12	80	3	20	15	100
CAPE VERDE	44	0	0	2	5	44	100	27	63	16	37	43	98
BENIN	13	0	0	2	15	13	100	10	77	3	23	13	100
GAMBIA	134	0	0	11	8	133	99	99	79	26	21	125	93
GHANA	805	1	0	37	5	793	99	619	84	116	16	735	91
GUINEA	44	1	2	0	0	43	98	32	94	6	16	38	96
GUINEA-BISSAU	13	0	0	0	0	13	100	10	91	1	9	11	85
IVORY COAST	180	2	1	6	3	172	96	122	73	44	27	165	92
LIBERIA	630	0	0	27	4	615	98	405	70	172	30	577	92
MALI	68	1	1	4	6	68	100	55	92	5	8	60	88
MAURITANIA	20	1	5	4	20	20	100	18	95	1	5	19	95
NIGER	62	0	0	3	5	62	100	48	94	3	6	51	82
NIGERIA	7938	7	0	308	4	7785	98	5682	80	1448	20	7130	90
SENEGAL	115	1	1	8	8	104	90	83	79	22	21	105	91
SIERRA LEONE	273	2	1	17	7	260	95	154	63	90	37	244	89
TOGO	46	2	4	2	4	45	98	31	86	5	14	36	78
BOURKINA FASO	29	2	7	0	0	27	93	24	100	0	0	24	83
WEST AFRICA	10429	20	0	433	4	10212	98	7431	79	1961	21	9392	90
AFRICA, UNSPECIFIED	22	0	0	0	0	22	100	14	70	6	30	20	91
AFRICA REGION UNSPECIFIED	22	0	0	0	0	22	100	14	70	6	30	20	91
AFRICA	21131	127	1	1047	5	20681	98	14699	77	4395	23	19094	90
CHINA	9061	121	1	350	4	8915	98	5159	71	2129	29	7288	80
TAIWAN	14988	127	1	465	3	14718	98	8473	66	4426	34	12899	86
HONG KONG	7220	71	1	376	5	7067	98	3904	62	2404	38	6308	87
JAPAN	9561	969	10	801	9	9245	97	4503	55	3645	45	8148	85
KOREA,DEMOCRATIC PEOPLES RE	34	0	0	1	3	34	100	27	79	7	21	34	100
KOREA, REPUBLIC OF	11974	330	3	487	4	11797	99	8030	79	2128	21	10158	85
MACAO	94	0	0	6	7	92	98	40	49	41	51	81	86
EAST ASIA	52932	1618	3	2486	5	51868	98	30136	67	14780	33	44916	85
SOUTH CENTRAL ASIA	24	0	0	4	17	24	100	18	75	6	25	24	100
AFGHANISTAN	59	1	2	3	5	59	100	37	71	15	29	52	88
BANGLADESH	1225	9	1	44	4	1213	99	995	89	117	11	1112	91
BHUTAN	8	0	0	1	13	8	100	7	88	1	13	8	100
INDIA	10569	3	0	430	4	10441	99	7514	81	1714	19	9228	87
MALDIVES	3	0	0	0	0	3	100	3	100	0	0	3	100
NEPAL	331	0	0	25	8	323	98	233	79	62	21	300	91
PAKISTAN	3565	32	1	203	6	3530	99	2913	92	270	9	3183	89
SRI LANKA	1202	3	0	51	4	1175	98	857	81	206	19	1063	88
SOUTH CENTRAL ASIA	16986	48	0	761	5	15776	99	12582	84	2391	16	14973	88
SOUTH-EAST ASIA	8	0	0	0	0	8	100	5	63	3	38	8	100
BRUNEI	26	0	0	1	4	25	96	14	67	7	33	21	81
BURMA	132	3	2	4	3	131	99	79	56	40	34	119	90
INDONESIA	5617	114	2	262	5	5496	98	3445	72	1310	28	4755	85
CAMBODIA	110	9	7	4	4	108	98	59	63	34	37	93	85

LOCATION		FIELD OF STUDY: INTENSIVE ENGLISH		FIELD OF STUDY: NOT DECLARED		FIELD OF STUDY: GRAND TOTAL		GENDER: MALE		GENDER: FEMALE		GENDER: TOTAL	
		NUM	% FOS	NUM	% FOS	NUM	% FOS	NUM	% M+F	NUM	% M+F	NUM	% STS
LAOS	314	8	3	44	14	312	99	233	84	44	16	277	88
MALAYSIA	15255	105	1	525	3	15057	99	9297	68	4430	32	13727	90
PHILIPPINES	2580	11	0	144	6	2531	98	1201	52	1049	48	2299	89
PORTUGUESE TIMOR	5	0	0	0	0	5	100	5	100	0	0	5	100
SINGAPORE	3109	8	0	134	4	3014	97	1703	61	1073	39	2776	89
THAILAND	4271	145	3	152	4	4175	98	2262	60	1523	40	3785	89
VIETNAM	1506	80	5	127	8	1481	98	997	71	406	29	1403	93
SOUTH-EAST ASIA	32933	482	1	1397	4	32343	98	19300	66	9968	34	29268	89
MIDDLE EAST, UNSPECIFIED	2	0	0	0	0	2	100	2	100	0	0	2	100
BAHRAIN	301	2	1	38	13	288	96	203	84	39	16	242	80
CYPRUS	1334	8	1	53	4	1322	99	978	80	241	20	1219	91
IRAN	8684	181	2	542	6	8478	96	5510	73	2021	27	7531	87
IRAQ	869	5	1	43	5	949	98	682	86	112	14	794	91
ISRAEL	1537	25	2	96	6	1491	97	946	71	379	29	1325	86
JORDAN	4154	71	2	263	6	4091	98	3519	92	295	8	3814	92
KUWAIT	2504	121	5	95	4	2450	98	2077	92	172	8	2249	90
LEBANON	4575	252	6	305	7	4529	99	3712	90	405	10	4117	90
OMAN	378	45	12	16	4	369	98	315	91	33	9	348	92
QATAR	473	15	3	26	6	470	99	431	95	21	5	452	96
SAUDI ARABIA	4646	295	6	248	5	4584	99	3911	93	297	7	4209	91
SYRIA	1341	49	4	76	6	1310	98	1126	93	82	7	1208	90
TURKEY	1637	45	3	64	4	1602	98	1139	79	308	21	1447	88
UNITED ARAB EMIRATES	823	51	6	41	5	805	98	699	92	60	8	759	92
RAS AL KHAIMAH	1	0	0	0	0	1	100	1	100	0	0	1	100
YEMEN ARAB REPUBLIC	346	18	5	18	5	344	99	274	93	22	7	296	86
YEMEN, PEOPLE'S DEM. REP.	43	0	0	9	22	41	95	37	88	5	12	42	98
MIDDLE EAST	33648	1183	4	1933	6	33026	98	25562	85	4492	15	30054	89
ASIA, UNSPECIFIED	2	0	0	0	0	2	100	1	50	1	50	2	100
ASIA REGION UNSPECIFIED	2	0	0	0	0	2	100	1	50	1	50	2	100
ASIA	136501	3331	2	6577	5	134015	98	87581	73	31632	27	119213	87
BULGARIA	14	0	0	2	17	12	86	8	62	5	38	13	93
CZECHOSLOVAKIA	51	11	22	2	4	50	98	31	65	17	35	48	96
GERMAN DEMOCRATIC REP.	34	0	0	0	0	34	100	19	58	14	42	33	97
HUNGARY	85	2	2	7	8	84	99	54	70	23	30	77	91
POLAND	455	49	11	32	7	449	99	233	58	172	42	405	89
ROMANIA	48	1	2	3	7	45	94	24	56	19	44	43	90
U. S. S. R.	41	3	8	6	16	38	93	16	41	23	59	39	95
YUGOSLAVIA	360	6	2	17	5	351	98	193	66	98	34	291	81
EASTERN EUROPE	1088	72	7	69	6	1063	98	578	61	371	39	949	87
AUSTRIA	264	1	0	16	6	254	96	147	62	90	38	237	90
BELGIUM	498	2	0	26	5	483	97	289	67	144	33	432	87
DENMARK	381	3	1	56	15	370	97	149	54	129	46	278	73

LOCATION		FIELD OF STUDY: INTENSIVE ENGLISH		FIELD OF STUDY: NOT DECLARED		FIELD OF STUDY: GRAND TOTAL		GENDER: MALE		GENDER: FEMALE		GENDER: TOTAL	
		NUM	% FOS	NUM	% FOS	NUM	% FOS	NUM	% M+F	NUM	% M+F	NUM	% ST3
FINLAND	395	2	1	28	7	380	96	194	55	159	45	353	89
FRANCE	2526	52	2	260	11	2473	98	1224	55	986	45	2210	87
GERMANY, FED. REP. OF	3227	14	0	348	11	3119	97	1660	60	1109	40	2769	86
GIBRALTAR	3	0	0	0	0	3	100	3	100	0	0	3	100
GREECE	2604	14	1	88	3	2557	98	1900	80	465	20	2365	91
VATICAN CITY	3	0	0	0	0	3	100	3	100	0	0	3	100
ICELAND	429	3	1	31	7	424	99	240	64	134	36	374	87
IRELAND	683	2	0	47	7	669	98	387	64	220	36	607	89
ITALY	1237	50	4	109	9	1201	97	656	63	392	37	1048	85
LIECHTENSTEIN	4	0	0	1	25	4	100	3	75	1	25	4	100
LUXEMBOURG	17	1	6	1	6	16	94	13	81	3	19	16	94
MALTA	37	0	0	6	16	37	100	22	63	13	37	35	95
MONACO	5	0	0	0	0	5	100	1	50	1	50	2	40
NETHERLANDS	997	4	0	92	9	980	98	571	64	318	36	889	89
NORWAY	1385	4	0	100	7	1376	99	888	72	348	28	1236	89
PORTUGAL	347	5	2	24	7	333	96	193	63	112	37	305	98
SPAIN	1154	25	2	75	7	1119	97	660	64	367	36	1027	89
SWEDEN	956	8	1	133	14	939	98	486	57	367	43	853	89
SWITZERLAND	651	24	4	63	10	641	98	332	61	210	39	542	83
UNITED KINGDOM	4147	13	0	461	11	4039	97	2264	61	1423	39	3687	89
WESTERN EUROPE	21950	227	1	1965	9	21425	98	12284	64	6991	36	19275	88
EUROPE	23038	299	1	2034	9	22488	98	12862	64	7362	36	20224	88
CARIBBEAN, UNSPECIFIED	143	0	0	9	6	141	99	63	45	78	55	141	99
BAHAMAS	1131	1	0	45	4	1118	99	436	44	559	56	995	88
BARBADOS	226	0	0	9	4	220	97	118	55	98	45	216	95
CAYMAN ISLANDS	47	0	0	2	4	46	98	16	40	24	60	40	85
CUBA	1132	7	1	135	12	1130	100	458	42	645	58	1103	97
DOMINICAN REPUBLIC	487	18	4	25	5	480	99	225	55	183	45	408	84
GUADELOUPE	1	0	0	0	0	1	100	0	0	1	100	1	100
HAITI	979	19	2	69	7	968	99	571	60	377	40	948	97
JAMAICA	1425	1	0	90	6	1397	98	666	50	657	50	1323	93
LEEWARD ISLANDS	6	0	0	2	33	6	100	5	83	1	17	6	100
ANTIGUA	88	0	0	4	5	88	100	56	67	27	33	83	94
BRITISH VIRGIN ISLANDS	67	0	0	4	6	67	100	32	48	35	52	67	100
MONTSERRAT	4	0	0	1	25	4	100	3	75	1	25	4	100
ST. KITTS-NEVIS	19	0	0	1	5	19	100	10	53	9	47	19	100
ANGUILLA	2	0	0	0	0	2	100	0	0	2	100	2	100
MARTINIQUE	9	0	0	0	0	8	89	3	33	6	67	9	100
NETHERLANDS ANTILLES	458	1	0	28	6	446	97	234	58	170	42	404	88
TRINIDAD & TOBAGO	1585	2	0	53	3	1554	98	844	56	657	44	1501	95
TURKS & CAICOS ISLANDS	14	0	0	2	14	14	100	6	46	7	54	13	93
WINDWARD ISLANDS	5	0	0	1	20	5	100	2	40	3	60	5	100
DOMINICA	32	0	0	1	3	31	97	13	45	16	55	29	91
GRENADA	94	0	0	6	6	94	100	56	64	32	36	88	94

153

LOCATION		FIELD OF STUDY: INTENSIVE ENGLISH		FIELD OF STUDY: NOT DECLARED		FIELD OF STUDY: GRAND TOTAL	
		NUM	% FOS	NUM	% FOS	NUM	% FOS
ST. LUCIA	45	0	0	4	9	44	98
ST. VINCENT	23	0	0	1	4	23	100
CARIBBEAN	8022	49	1	492	6	7906	99
CENTRAL AMERICA, UNSPECIFIE	3	0	0	1	33	3	100
BELIZE	194	0	0	10	6	177	91
COSTA RICA	461	8	2	32	7	451	98
EL SALVADOR	820	49	6	47	6	803	98
GUATEMALA	521	7	1	33	6	510	98
HONDURAS	804	18	2	53	7	788	98
MEXICO	3663	175	5	406	11	3581	98
NICARAGUA	1405	25	2	210	15	1387	99
PANAMA	1163	47	4	72	6	1154	99
CENTRAL AMERICA	9034	329	4	864	10	8854	98
SOUTH AMERICA, UNSPECIFIED	5	0	0	0	0	5	100
ARGENTINA	855	16	2	66	8	818	96
BOLIVIA	705	11	2	69	10	674	96
BRAZIL	1893	58	3	99	5	1814	96
CHILE	778	14	2	56	8	730	94
COLOMBIA	2729	146	5	167	6	2678	98
ECUADOR	711	20	3	36	5	696	98
FALKLAND ISLANDS	1	0	0	0	0	1	100
FRENCH GUIANA	5	0	0	0	0	3	60
GUYANA	322	0	0	13	4	312	97
PARAGUAY	115	0	0	13	11	114	99
PERU	1408	30	2	91	7	1345	96
SURINAME	136	0	0	7	5	132	97
URUGUAY	171	1	1	10	6	166	97
VENEZUELA	5089	99	2	225	5	4956	97
SOUTH AMERICA	14923	395	3	852	6	14444	97
LATIN AMERICA	31979	773	2	2208	7	31204	98
BERMUDA	458	1	0	31	7	452	99
CANADA	10997	10	0	688	6	10794	98
NORTH AMERICAN REGION	11455	11	0	719	6	11246	98
NORTH AMERICA	11455	11	0	719	6	11246	98
AUSTRALIA	988	2	0	47	5	964	98
NEW ZEALAND	334	1	0	24	8	320	96
AUSTRALIA + NEW ZEALAND	1322	3	0	71	6	1284	97
SOLOMON ISLANDS	2	0	0	0	0	2	100
COOK ISLANDS	5	0	0	0	0	5	100
FIJI	54	1	2	1	2	49	91
FRENCH POLYNESIA	34	0	0	2	8	25	74
KIRIBATI	4	0	0	0	0	4	100
NAURU	2	0	0	0	0	2	100
NEW CALEDONIA	2	0	0	0	0	2	100
PAPUA-NEW GUINEA	26	0	0	0	0	26	100

GENDER: MALE		GENDER: FEMALE		GENDER: TOTAL	
NUM	% M+F	NUM	% M+F	NUM	% STU
19	46	22	54	41	91
15	68	7	32	22	96
3851	52	3617	48	7468	93
1	33	2	67	3	100
101	55	81	45	182	94
259	66	136	34	395	86
480	63	283	37	763	93
306	67	151	33	457	83
385	56	301	44	686	85
2164	70	929	30	3093	94
737	54	619	46	1356	97
614	60	410	40	1024	38
5047	63	2912	37	7959	83
2	40	3	60	5	100
493	65	260	35	753	88
463	71	186	29	649	92
1092	64	608	36	1700	90
440	67	219	33	659	85
1468	60	987	40	2455	90
436	66	226	34	662	93
1	100	0	0	1	100
4	80	1	20	5	100
169	58	120	42	289	90
67	71	27	29	94	82
831	66	436	34	1267	90
67	70	29	30	96	71
92	64	52	36	144	84
3014	66	1544	34	4558	90
8639	65	4698	35	13337	89
17537	61	11227	39	28764	90
188	44	239	56	427	93
6136	61	3918	39	10054	91
6324	60	4157	40	10481	91
6324	60	4157	40	10481	91
554	64	312	36	866	88
187	66	97	34	284	85
741	64	409	36	1150	87
2	100	0	0	2	100
3	60	2	40	5	100
25	54	21	46	46	85
13	52	12	48	25	74
2	67	1	33	3	75
1	50	1	50	2	100
1	50	1	50	2	100
20	83	4	17	24	92

LOCATION		FIELD OF STUDY: INTENSIVE ENGLISH NUM	INTENSIVE ENGLISH % FOS	NOT DECLARED NUM	NOT DECLARED % FOS	GRAND TOTAL NUM	GRAND TOTAL % FOS	GENDER: MALE NUM	MALE % M+F	FEMALE NUM	FEMALE % M+F	TOTAL NUM	TOTAL % STS
NIUE	2	0	0	0	0	2	100	2	100	0	0	2	100
PACIFIC ISLANDS, TRUST TER.	1181	4	0	27	3	1068	90	696	66	361	34	1057	90
TONGA	22	1	6	1	6	17	77	12	71	5	29	17	77
WALLIS + FUTUNA ISLANDS	1	0	0	0	0	1	100	1	100	0	0	1	100
WESTERN SAMOA	45	0	0	1	2	45	100	32	78	9	22	41	91
PACIFIC OCEAN ISLAND AREA	1380	6	0	32	3	1248	90	810	66	417	34	1227	89
OCEANIA	2702	9	0	103	4	2532	94	1551	65	826	35	2377	88
STATELESS	628	41	7	80	13	611	97	403	69	179	31	582	93
COUNTRY UNKNOWN	532	0	0	11	4	287	54	245	80	60	20	305	57
STATELESS REGION	1160	41	5	91	10	898	77	648	73	239	27	887	76
STATELESS OR UNKNOWN	1160	41	5	91	10	898	77	648	73	239	27	887	76
******** FINAL TOTALS ****	227966	4591	2	12779	6	223364	98	141202	70	59838	30	201040	88

157

C.3

LOCATION	ST3 TOTAL	ACADEMIC LEVEL: ASSOCIATE TOTAL NUM	ASSOCIATE TOTAL % ACD	BACHELOR FRESHMAN NUM	BACHELOR SOPHOMORE NUM	BACHELOR JUNIOR NUM	BACHELOR SENIOR NUM	BACHELOR UNSPEC NUM	BACHELOR TOTAL NUM	BACHELOR TOTAL % ACD
EASTERN AFRICA, UNSPECIFIED	1	1	100							0
DJIBOUTI	10	4	40		1	2		2	5	50
BURUNDI	29		0	2	1	1	1		5	19
COMOROS	9		0		2		2		4	44
ETHIOPIA	1097	209	19	140	93	111	144	78	566	52
KENYA	1136	70	6	135	115	139	176	137	702	64
MADAGASCAR	31	6	20	2	2	3	1	2	10	33
MALAWI	103	7	7	5	8	5	6	7	31	31
MAURITIUS	70	2	3	8	4	12	13	4	41	62
MOZAMBIQUE	3		0		1				1	33
ZIMBABWE	337	17	5	49	30	44	47	26	196	59
RWANDA	22		0			1	2	3	6	50
SEYCHELLES	5		0	2		1			3	60
SOMALIA	377	60	17	55	49	19	23	22	168	47
TANZANIA	401	30	8	36	20	32	48	25	161	41
UGANDA	275	24	9	28	20	34	32	14	128	47
ZAMBIA	316	25	8	23	31	34	43	22	153	50
EASTERN AFRICA	4223	455	11	485	377	438	538	342	2180	53
ANGOLA	18	2	11	2	1	2	2	1	8	44
CAMEROON	628	114	19	98	39	39	59	75	300	50
CENTRAL AFRICAN REPUBLIC	12	3	27	1				1	2	18
CHAD	12		0			1			1	20
CONGO	8	1	13							0
EQUATORIAL GUINEA	6	1	17	2	3				5	83
GABON	25	1	4	2	9	2	4		17	71
SAO TOME & PRINCIPE	2		0		2				2	100
ZAIRE	181	23	13	12	9	12	10	11	54	31
CENTRAL AFRICA	892	145	17	107	63	56	75	88	389	46
ALGERIA	572	7	1	10	8	11	14	12	55	10
CANARY ISLANDS	1	1	100							0
EGYPT	1478	113	8	68	61	55	72	66	322	22
LIBYA	492	29	6	22	34	24	94	31	205	42
MOROCCO	499	91	19	43	44	39	45	37	208	43
WESTERN SAHARA	3		0	1			1	1	3	100
SUDAN	431	32	8	15	15	25	17	19	91	22
TUNISIA	440	5	1	35	43	30	61	45	214	49
NORTH AFRICA	3916	278	7	194	205	194	304	211	1098	29
SOUTHERN AFRICA	1		0	1					1	100
SOUTHERN AFRICA, UNSPECIFIED	4	1	25	1			1		2	50
BOTSWANA	163	6	4	11	8	22	27	11	79	49
LESOTHO	58	2	4	7	13	7	4	6	37	66
NAMIBIA	91	1	1	14	16	8	6	24	68	76
SOUTH AFRICA	1231	93	8	133	118	94	106	99	549	46
SWAZILAND	101	6	6	3	8	11	17	2	46	47
SOUTHERN AFRICA	1649	109	7	175	163	142	161	141	782	49

115

LOCATION	ST3 TOTAL	ACADEMIC LEVEL: ASSOCIATE TOTAL		BACHELOR: FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	UNSPEC	TOTAL	
		NUM	% ACD	NUM	NUM	NUM	NUM	NUM	NUM	% ACD
WEST AFRICA, UNSPECIFIED	13	4	27			5	1	2	8	53
CAPE VERDE	44	3	7	7	5	9	3	6	30	69
BENIN	13		0	1				1	2	15
GAMBIA	134	29	22	13	19	14	10	20	76	58
GHANA	805	42	5	45	47	56	78	96	322	42
GUINEA	44	2	5	3	4	4	3	1	15	34
GUINEA-BISSAU	13		0		5	4	1	2	12	92
IVORY COAST	180	12	7	9	16	13	16	17	71	41
LIBERIA	630	76	13	40	73	50	44	135	342	56
MALI	68	2	3	1			3	2	6	9
MAURITANIA	20		0	3		1	3	2	9	45
NIGER	62	1	2	5	3	8	7	6	29	50
NIGERIA	7938	744	10	499	654	1020	1310	837	4320	58
SENEGAL	115	17	15	10	9	1	3	5	28	25
SIERRA LEONE	273	53	20	21	15	13	22	42	113	43
TOGO	46	1	2	4	1	1	1	5	12	27
BOURKINA FASO	29	2	7	1	1	1		2	5	18
WEST AFRICA	10429	988	10	662	852	1200	1505	1181	5400	55
AFRICA, UNSPECIFIED	22	2	9	5	1	3	2	5	16	73
AFRICA REGION UNSPECIFIED	22	2	9	5	1	3	2	5	16	73
AFRICA	21131	1977	10	1628	1661	2023	2585	1968	9865	48
CHINA	9061	516	6	228	190	219	294	550	1481	17
TAIWAN	14988	418	3	403	320	449	675	466	2313	16
HONG KONG	7220	802	11	722	671	688	907	1027	4015	57
JAPAN	9561	1654	18	793	585	651	734	869	3632	39
KOREA,DEMOCRATIC PEOPLES REPUB	34		0		2	1	4	5	12	35
KOREA, REPUBLIC OF	11974	401	3	633	503	466	494	650	2746	24
MACAO	94	26	31	8	2	11	7	15	43	51
EAST ASIA	52932	3817	7	2787	2273	2485	3115	3582	14242	28
SOUTH CENTRAL ASIA	24		0			1	1		2	8
AFGHANISTAN	59	8	14	8	6	9	5	6	34	58
BANGLADESH	1225	115	10	97	101	106	131	74	509	42
BHUTAN	8	1	13	1	1		2	2	6	75
INDIA	10569	357	4	449	407	377	468	464	2165	21
MALDIVES	3		0		1				1	33
NEPAL	331	19	6	73	28	15	10	19	145	45
PAKISTAN	3565	553	16	414	360	339	350	273	1735	50
SRI LANKA	1202	154	13	127	99	104	92	84	506	43
SOUTH CENTRAL ASIA	16986	1207	7	1169	1003	950	1059	922	5103	31
SOUTH-EAST ASIA	3		0							0
BRUNEI	26	2	8	1	1	3	5	1	11	44
BURMA	132	15	12	10	8	7	11	10	46	36
INDONESIA	5617	966	18	622	567	540	643	663	3040	56
CAMBODIA	110	26	25	27	11	7	9	5	59	56

LOCATION	ST3 TOTAL	ACADEMIC LEVEL: ASSOCIATE TOTAL		BACHELOR: FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	UNSPEC	TOTAL	
		NUM	% ACD	NUM	NUM	NUM	NUM	NUM	NUM	% ACD
LAOS	314	47	15	71	39	32	14	12	168	54
MALAYSIA	15255	638	4	2377	2624	2505	2927	1339	11772	79
PHILIPPINES	2580	348	14	211	156	175	175	258	975	39
PORTUGUESE TIMOR	5		0	1		1	3		5	100
SINGAPORE	3109	199	6	448	471	425	515	424	2283	74
THAILAND	4271	331	8	233	185	225	327	342	1313	32
VIETNAM	1506	213	14	218	167	262	348	36	1031	69
SOUTH-EAST ASIA	32933	2785	9	4219	4230	4192	4977	3095	20703	65
MIDDLE EAST, UNSPECIFIED	2		0	1	1				2	100
BAHRAIN	301	72	24	44	27	28	51	22	172	58
CYPRUS	1334	105	8	132	146	192	234	233	937	71
IRAN	8684	1122	13	662	539	522	1065	750	3538	42
IRAQ	869	94	11	63	67	79	88	70	367	44
ISRAEL	1537	240	16	123	100	80	94	92	489	33
JORDAN	4154	792	19	421	452	514	615	309	2311	56
KUWAIT	2504	504	21	234	237	225	315	321	1332	54
LEBANON	4575	742	17	513	483	480	641	341	2458	55
OMAN	378	65	17	85	69	21	28	34	237	64
QATAR	473	157	33	37	40	58	53	37	225	48
SAUDI ARABIA	4646	567	12	409	394	446	548	422	2219	48
SYRIA	1341	300	23	164	168	115	166	63	676	51
TURKEY	1637	104	6	79	71	99	144	106	499	31
UNITED ARAB EMIRATES	823	201	25	112	84	109	95	67	467	58
RAS AL KHAIMAH	1		0				1		1	100
YEMEN ARAB REPUBLIC	346	51	15	53	35	26	41	15	170	50
YEMEN, PEOPLE'S DEM. REP.	43	16	38	8	3	3	7		21	50
MIDDLE EAST	33648	5132	16	3140	2916	2997	4186	2882	16121	49
ASIA, UNSPECIFIED	2	1	50					1	1	50
ASIA REGION UNSPECIFIED	2	1	50					1	1	50
ASIA	136501	12942	10	11315	10422	10614	13337	10482	56170	42
BULGARIA	14	2	15	1				2	3	23
CZECHOSLOVAKIA	51	10	20	6		3	7	3	19	37
GERMAN DEMOCRATIC REP.	34	12	35	7	1	4	3	1	16	47
HUNGARY	85	8	10	7	1	2	3	4	17	21
POLAND	455	40	9	34	19	17	42	18	130	29
ROMANIA	48	5	11	6	2	2	3	3	16	36
U. S. S. R.	41	7	18	4	4	4	5	1	18	46
YUGOSLAVIA	360	16	5	26	18	8	13	21	86	25
EASTERN EUROPE	1088	100	9	91	45	40	76	53	305	29
AUSTRIA	264	23	9	22	23	6	18	12	81	31
BELGIUM	498	47	10	33	29	24	24	27	137	28
DENMARK	381	53	14	55	24	14	19	39	151	40

LOCATION	ST3 TOTAL	ACADEMIC LEVEL: ASSOCIATE TOTAL NUM	ASSOCIATE TOTAL % ACD	BACHELOR FRESHMAN NUM	BACHELOR SOPHOMORE NUM	BACHELOR JUNIOR NUM	BACHELOR SENIOR NUM	BACHELOR UNSPEC NUM	TOTAL NUM	TOTAL % ACD
FINLAND	395	40	11	33	29	37	40	62	211	53
FRANCE	2526	218	9	207	136	133	155	244	875	35
GERMANY, FED. REP. OF	3227	214	7	292	183	168	225	277	1145	36
GIBRALTAR	3		0	1			1		2	67
GREECE	2604	147	6	171	166	240	264	252	1093	43
VATICAN CITY	3		0		3				3	100
ICELAND	429	9	2	46	48	52	57	27	230	56
IRELAND	683	70	11	90	53	37	40	31	251	38
ITALY	1237	88	7	101	71	83	71	123	449	37
LIECHTENSTEIN	4		0	1	1				2	50
LUXEMBOURG	17	2	12	1	1		2	1	5	29
MALTA	37	1	3	6	7	5	4	2	25	69
MONACO	5	2	40	1			1		2	40
NETHERLANDS	997	87	9	141	98	78	78	92	487	50
NORWAY	1385	52	4	108	170	210	279	251	1018	76
PORTUGAL	347	40	12	31	16	19	29	30	125	37
SPAIN	1154	114	10	91	80	61	71	97	400	36
SWEDEN	956	107	12	176	100	75	81	103	540	58
SWITZERLAND	651	59	9	55	54	47	36	70	262	41
UNITED KINGDOM	4147	266	7	425	333	370	373	424	1925	48
WESTERN EUROPE	21950	1639	8	2087	1625	1660	1868	2169	9409	44
EUROPE	23038	1739	8	2178	1670	1700	1944	2222	9714	43
CARIBBEAN, UNSPECIFIED	143	36	26	16	16	9	16	8	65	46
BAHAMAS	1131	208	19	146	166	157	181	150	800	73
BARBADOS	226	35	16	33	25	24	24	42	148	67
CAYMAN ISLANDS	47	2	5	17	4	5	6	3	35	90
CUBA	1132	1005	89	10	13	17	23	30	93	8
DOMINICAN REPUBLIC	487	100	21	44	29	33	33	91	230	48
GUADELOUPE	1		0					1	1	100
HAITI	979	605	62	66	54	44	48	64	276	28
JAMAICA	1425	208	15	153	107	122	145	239	766	56
LEEWARD ISLANDS	6		0	2		2		1	5	83
ANTIGUA	88	6	7	13	12	5	8	24	62	74
BRITISH VIRGIN ISLANDS	67	4	6	24	14	9	8	3	58	97
MONTSERRAT	4	1	25					2	2	50
ST. KITTS-NEVIS	19	2	11	3	2	1		5	12	63
ANGUILLA	2		0				2		2	100
MARTINIQUE	9	2	22		1	4		1	6	67
NETHERLANDS ANTILLES	458	48	11	68	81	73	49	31	302	71
TRINIDAD & TOBAGO	1585	221	15	185	157	141	168	332	983	65
TURKS & CAICOS ISLANDS	14	4	29	3			3		6	43
WINDWARD ISLANDS	5	1	20	2			1		3	60
DOMINICA	32	6	21	2	3	2		11	18	64
GRENADA	94	9	10	17	3	4	5	22	51	57

LOCATION	ST3 TOTAL	ACADEMIC LEVEL: ASSOCIATE TOTAL		BACHELOR: FRESHMAN	SOPHOMORE	JUNIOR	SENIOR	UNSPEC	TOTAL	
		NUM	% ACD	NUM	NUM	NUM	NUM	NUM	NUM	% ACD
ST. LUCIA	45	8	18	5	2	4	5	8	24	53
ST. VINCENT	23	1	4	2	3	1	7	6	19	83
CARIBBEAN	8022	2512	32	811	692	657	732	1075	3967	51
CENTRAL AMERICA, UNSPECIFIED	3	2	67							0
BELIZE	194	30	16	38	23	36	25	20	142	76
COSTA RICA	461	63	14	48	39	31	54	37	209	46
EL SALVADOR	820	136	23	88	73	69	157	47	434	54
GUATEMALA	521	71	14	64	44	74	78	36	296	57
HONDURAS	804	150	19	95	92	88	137	37	449	57
MEXICO	3663	643	18	391	266	255	347	202	1461	40
NICARAGUA	1405	1077	77	32	32	40	52	69	225	16
PANAMA	1163	193	17	167	137	142	172	82	700	62
CENTRAL AMERICA	9034	2415	27	923	706	735	1022	530	3916	44
SOUTH AMERICA, UNSPECIFIED	5	3	60		1	1			2	40
ARGENTINA	855	106	13	45	45	55	64	45	254	31
BOLIVIA	705	135	20	86	85	83	116	44	414	61
BRAZIL	1893	221	12	123	92	83	112	74	484	26
CHILE	778	127	17	53	40	32	62	33	220	29
COLOMBIA	2729	608	23	203	221	221	303	216	1164	43
ECUADOR	711	142	20	93	55	66	101	59	374	53
FALKLAND ISLANDS	1		0	1					1	100
FRENCH GUIANA	5	4	80		1				1	20
GUYANA	322	37	12	35	23	20	32	63	173	55
PARAGUAY	115	9	8	20	19	3	10	9	61	53
PERU	1408	293	21	120	107	113	166	100	606	44
SURINAME	136	55	45	8	10	16	11	2	47	39
URUGUAY	171	18	11	13	8	5	14	7	47	28
VENEZUELA	5089	1169	24	302	385	635	1033	368	2723	55
SOUTH AMERICA	14923	2927	20	1102	1092	1333	2024	1020	6571	45
LATIN AMERICA	31979	7354	25	2836	2490	2725	3778	2625	14454	46
BERMUDA	458	78	17	86	67	32	61	68	314	70
CANADA	10997	1070	10	1302	1298	1242	1222	584	5648	52
NORTH AMERICAN REGION	11455	1148	10	1388	1365	1274	1283	652	5962	53
NORTH AMERICA	11455	1148	10	1388	1365	1274	1283	652	5962	53
AUSTRALIA	988	55	6	78	63	38	45	61	285	29
NEW ZEALAND	334	27	8	26	23	12	17	19	97	29
AUSTRALIA + NEW ZEALAND	1322	82	6	104	36	50	62	80	382	29
SOLOMON ISLANDS	2	1	50							0
COOK ISLANDS	5		0					3	3	60
FIJI	54	18	36	2	4	3	3	5	17	34
FRENCH POLYNESIA	34	16	47	1	1	1	7	5	15	44
KIRIBATI	4		0	1		1			2	50
NAURU	2	1	50					1	1	50
NEW CALEDONIA	2		0		1	1			2	100
PAPUA-NEW GUINEA	26	2	8		1	2	1	2	6	23

120

LOCATION	STI TOTAL	ACADEMIC LEVEL: ASSOCIATE TOTAL NUM	ASSOCIATE TOTAL % ACD	BACHELOR FRESHMAN NUM	BACHELOR SOPHOMORE NUM	BACHELOR JUNIOR NUM	BACHELOR SENIOR NUM	BACHELOR UNSPEC NUM	BACHELOR TOTAL NUM	BACHELOR TOTAL % ACD
NIUE	2		0							0
PACIFIC ISLANDS, TRUST TER.	1181	440	38	63	46	47	29	432	667	57
TONGA	22	11	50	2		2		3	7	32
WALLIS + FUTUNA ISLANDS	1		0			1			1	100
WESTERN SAMOA	45	4	9	3	3	4	6	13	29	66
PACIFIC OCEAN ISLAND AREAS	1380	493	36	72	56	62	46	514	750	55
OCEANIA	2702	575	22	176	142	112	108	594	1132	42
STATELESS	628	193	31	45	30	44	41	34	194	31
COUNTRY UNKNOWN	532	16	3	27	21	23	36	45	152	29
STATELESS REGION	1160	209	18	72	51	67	77	79	346	30
STATELESS OR UNKNOWN	1160	209	18	72	51	67	77	79	346	30
******** FINAL TOTALS *******	227966	26444	12	19593	17801	18515	23112	18622	97643	44

LOCATION	ST3 TOTAL	GRADUATE MASTERS NUM	GRADUATE DOCTOR NUM	GRADUATE PRF TRNG NUM	GRADUATE UNSPEC NUM	TOTAL NUM	TOTAL % ACD	OTHER PR TRNG NUM	OTHER NON DEG NUM	OTHER INT ENGL NUM	TOTAL NUM	TOTAL % ACD	ACADEMIC TOTAL	ACADEMIC % ST3
EASTERN AFRICA, UNSPECIFIED	1	0	0	0	0	0	0	0	0	0	0	0	1	100
DJIBOUTI	10	0	0	0	0	0	0	0	0	1	1	10	10	100
BURUNDI	29	13	3	1	4	21	78	0	0	1	1	4	27	93
COMOROS	9	4	0	0	0	4	44	0	1	0	1	11	9	100
ETHIOPIA	1097	96	78	27	65	266	25	1	20	18	39	4	1080	98
KENYA	1136	150	78	24	61	313	28	7	12	1	20	2	1105	97
MADAGASCAR	31	3	8	0	1	12	40	0	2	0	2	7	30	97
MALAWI	103	27	17	10	3	57	57	0	3	2	5	5	100	97
MAURITIUS	70	14	5	0	1	20	30	0	3	0	3	5	66	94
MOZAMBIQUE	3	1	0	0	1	2	67	0	0	0	0	0	3	100
ZIMBABWE	337	59	27	10	16	112	34	5	3	0	8	2	333	99
RWANDA	22	4	8	0	1	13	65	0	1	0	1	5	20	91
SEYCHELLES	6	0	1	0	1	2	40	0	0	0	0	0	5	83
SOMALIA	377	76	10	3	24	113	31	4	8	9	20	6	361	96
TANZANIA	401	96	49	11	30	186	48	3	7	2	12	3	389	97
UGANDA	275	58	36	6	12	112	41	3	5	1	9	3	273	99
ZAMBIA	316	51	36	3	30	120	39	1	5	0	6	2	304	96
EASTERN AFRICA	4223	652	356	95	250	1353	33	24	70	34	128	3	4116	97
ANGOLA	18	2	0	0	0	2	11	1	5	0	6	33	18	100
CAMEROON	628	69	43	10	54	176	29	4	4	5	13	2	603	96
CENTRAL AFRICAN REPUBLIC	12	3	1	2	0	6	55	0	0	0	0	0	11	92
CHAD	12	1	3	0	0	4	80	0	0	0	0	0	5	42
CONGO	8	1	2	1	2	6	75	0	1	0	1	13	8	100
EQUATORIAL GUINEA	6	0	0	0	0	0	0	0	0	0	0	0	6	100
GABON	25	3	0	0	1	4	17	0	1	1	2	8	24	96
SAO TOME & PRINCIPE	2	0	0	0	0	0	0	0	0	0	0	0	2	100
ZAIRE	181	38	35	2	10	85	49	2	4	6	12	7	174	96
CENTRAL AFRICA	892	117	94	15	67	283	33	7	15	12	34	4	851	95
ALGERIA	572	193	155	5	139	492	87	3	9	2	14	2	568	99
CANARY ISLANDS	1	0	0	0	0	0	0	0	0	0	0	0	1	100
EGYPT	1478	222	530	14	201	967	66	13	29	13	55	4	1457	99
LIBYA	492	68	119	6	44	237	49	4	6	3	13	3	484	98
MOROCCO	499	70	67	3	30	170	35	0	3	13	16	3	435	87
WESTERN SAHARA	3	0	0	0	0	0	0	0	0	0	0	0	3	100
SUDAN	431	95	134	5	49	283	68	3	2	8	13	3	419	97
TUNISIA	440	91	56	2	40	189	43	2	15	10	27	6	435	99
NORTH AFRICA	3916	739	1061	35	503	2338	61	25	64	49	138	4	3652	93
SOUTHERN AFRICA	1	0	0	0	0	0	0	0	0	0	0	0	1	100
SOUTHERN AFRICA, UNSPECIFIED	4	1	0	0	0	1	25	0	0	0	0	0	4	100
BOTSWANA	163	44	12	2	9	67	41	2	8	0	10	6	162	99
LESOTHO	58	14	0	0	2	16	29	0	1	0	1	2	54	97
NAMIBIA	91	4	6	5	2	17	19	1	2	0	3	3	89	98
SOUTH AFRICA	1231	234	117	54	118	523	44	15	18	0	33	3	1198	97
SWAZILAND	101	29	3	2	11	45	46	0	1	0	1	1	98	97
SOUTHERN AFRICA	1649	326	138	63	142	669	42	19	30	0	48	3	1608	98

LOCATION	ST3 TOTAL	ACADEMIC LEVEL: GRADUATE MASTERS	DOCTOR	PRF TRNG	UNSPEC	TOTAL PR TRNG	% ACD	OTHER NON DEG	INT ENGL	TOTAL	% ACD	ACADEMIC TOTAL	% ST3
		NUM	NUM	NUM	NUM	NUM		NUM	NUM	NUM		TOTAL	
WEST AFRICA, UNSPECIFIED	15	0	1	0	0	1	7	2	0	0	2	15	100
CAPE VERDE	44	9	0	0	1	10	23	0	1	0	1	44	100
BENIN	13	3	4	0	3	10	77	0	1	0	1	13	100
GAMBIA	134	17	4	1	4	26	20	1	0	0	1	132	99
GHANA	305	126	150	32	84	392	51	4	9	1	14	770	96
GUINEA	44	16	4	0	5	25	57	0	1	1	2	44	100
GUINEA-BISSAU	13	0	1	0	0	1	8	0	0	0	0	13	100
IVORY COAST	180	40	24	2	19	85	49	2	3	2	7	175	97
LIBERIA	630	95	31	10	35	171	28	2	11	6	19	603	97
MALI	68	38	6	2	11	57	84	0	2	1	3	68	100
MAURITANIA	20	9	0	0	0	9	45	0	1	1	2	20	100
NIGER	62	17	5	1	3	26	45	0	1	1	2	58	94
NIGERIA	7938	1287	422	148	431	2288	31	61	82	4	147	7439	94
SENEGAL	115	28	19	1	15	63	56	1	1	2	4	112	97
SIERRA LEONE	273	38	21	10	22	91	34	2	4	1	7	264	97
TOGO	46	16	11	0	3	30	67	0	0	2	2	45	98
BOURKINA FASO	29	10	7	0	3	20	71	0	1	0	1	28	97
WEST AFRICA	10429	1749	710	207	639	3305	33	75	118	22	215	9908	95
AFRICA, UNSPECIFIED	22	3	0	0	0	3	14	1	0	0	1	22	100
AFRICA REGION UNSPECIFIED	22	3	0	0	0	3	14	1	0	0	1	22	100
AFRICA	21131	3586	2349	415	1601	7951	39	150	297	117	564	20357	96
CHINA	9061	2077	2218	103	2119	6517	74	41	186	117	344	8858	98
TAIWAN	14988	5940	3031	79	2120	11140	77	241	158	109	508	14379	96
HONG KONG	7220	1017	438	84	445	1984	28	108	34	45	187	6988	97
JAPAN	9561	1296	523	202	751	2772	30	54	383	881	1318	9376	98
KOREA, DEMOCRATIC PEOPLES REPUB	34	9	3	0	10	22	65	0	0	0	0	34	100
KOREA, REPUBLIC OF	11974	3091	2827	86	1790	7794	68	43	159	349	556	11497	96
MACAO	94	8	1	1	4	14	16	1	1	0	2	85	90
EAST ASIA	52932	13438	9011	555	7239	30243	59	493	921	1501	2915	51217	97
SOUTH CENTRAL ASIA	24	13	5	0	0	18	75	0	4	0	4	24	100
AFGHANISTAN	59	6	5	1	3	15	25	0	1	1	2	59	100
BANGLADESH	1225	217	211	3	120	551	46	11	8	3	27	1202	98
BHUTAN	8	0	0	0	0	0	0	0	1	0	1	8	100
INDIA	10569	3346	2360	107	1497	7310	72	154	182	9	345	10177	96
MALDIVES	3	2	0	0	0	2	67	0	0	0	0	3	100
NEPAL	331	52	53	4	38	147	46	0	10	1	11	322	97
PAKISTAN	3565	558	246	32	197	1033	30	40	43	32	115	3435	96
SRI LANKA	1202	197	194	8	92	491	42	12	11	3	26	1177	98
SOUTH CENTRAL ASIA	16986	4391	3074	155	1947	9567	58	217	260	54	531	16408	97
SOUTH-EAST ASIA	8	8	0	0	0	8	100	0	0	0	0	8	100
BRUNEI	26	8	1	1	1	11	44	0	1	0	1	25	96
BURMA	132	31	12	3	13	59	46	1	5	2	8	128	97
INDONESIA	5617	652	213	28	300	1193	22	52	67	123	247	5446	97
CAMBODIA	110	2	2	0	1	5	5	0	1	15	16	106	96

ACADEMIC LEVEL

LOCATION	ST3 TOTAL	GRADUATE MASTERS	GRADUATE DOCTOR	GRADUATE PRF TRNG	GRADUATE UNSPEC	GRADUATE TOTAL PR TRNG		OTHER NON DEG	OTHER INT ENGL	TOTAL		ACADEMIC TOTAL	
		NUM	NUM	NUM	NUM	NUM	% ACD	NUM	NUM	NUM	% ACD	TOTAL	% ST3
LAOS	314	1	0	0	2	3	1	42	17	37	96 31	314	100
MALAYSIA	15255	1514	293	21	322	2150	14	112	77	92	281 2	14841	97
PHILIPPINES	2580	525	309	42	209	1085	43	26	63	7	96 4	2504	97
PORTUGUESE TIMOR	5	0	0	0	0	0	0	0	0	0	0 0	5	100
SINGAPORE	3109	332	94	16	97	539	18	30	12	6	48 2	3069	99
THAILAND	4271	1339	493	34	405	2271	55	32	62	149	243 6	4158	97
VIETNAM	1506	72	9	28	10	119	8	22	17	86	127 9	1490	99
SOUTH-EAST ASIA	32933	4484	1426	173	1360	7443	23	317	522	524	1163 4	32394	97
MIDDLE EAST, UNSPECIFIED	2	0	0	0	0	0	0	0	0	0	0 0	2	100
BAHRAIN	301	23	10	1	9	43	14	0	9	2	11 4	298	99
CYPRUS	1334	139	51	4	54	248	19	3	10	8	21 2	1311	98
IRAN	8684	1398	1072	124	652	3246	39	92	167	191	450 5	8356	96
IRAQ	869	103	200	3	59	365	43	2	13	2	17 2	843	97
ISRAEL	1537	226	231	44	163	664	45	10	64	23	97 7	1490	97
JORDAN	4154	372	265	16	175	828	20	23	71	70	164 4	4095	99
KUWAIT	2504	239	102	8	92	441	18	4	55	109	168 7	2445	98
LEBANON	4575	529	176	32	194	931	21	42	45	246	333 7	4466	98
OMAN	378	11	1	2	4	18	5	1	3	49	53 14	373	99
QATAR	473	32	14	0	23	69	15	0	9	10	19 4	470	99
SAUDI ARABIA	4646	712	397	12	280	1401	30	39	103	267	409 9	4596	99
SYRIA	1341	160	65	3	49	277	21	6	8	47	61 5	1314	98
TURKEY	1637	432	286	11	201	930	58	16	20	42	78 5	1611	98
UNITED ARAB EMIRATES	823	30	21	3	22	76	9	7	8	50	65 8	809	98
RAS AL KHAIMAH	1	0	0	0	0	0	0	0	0	0	0 0	1	100
YEMEN ARAB REPUBLIC	346	51	26	2	14	93	27	0	6	20	26 8	340	98
YEMEN, PEOPLE'S DEM. REP.	43	2	1	0	1	4	10	0	1	0	1 2	42	98
MIDDLE EAST	33648	4459	2918	265	1992	9634	29	245	592	1136	1973 6	32860	98
ASIA, UNSPECIFIED	2	0	0	0	0	0	0	0	0	0	0 0	2	100
ASIA REGION UNSPECIFIED	2	0	0	0	0	0	0	0	0	0	0 0	2	100
ASIA	136501	26772	16429	1148	12538	56887	43	1272	2095	3215	6582 5	132581	97
BULGARIA	14	2	2	0	3	7	54	1	0	0	1 8	13	93
CZECHOSLOVAKIA	51	6	1	0	3	10	20	0	1	11	12 24	51	100
GERMAN DEMOCRATIC REP.	34	4	1	0	1	6	18	0	0	0	0 0	34	100
HUNGARY	85	15	20	7	8	50	61	0	5	2	7 9	82	96
POLAND	455	54	102	10	45	211	47	3	18	45	66 15	447	98
ROMANIA	48	8	6	1	6	21	47	0	2	1	3 7	45	94
U. S. S. R.	41	6	0	1	2	9	23	0	2	3	5 13	39	95
YUGOSLAVIA	360	66	94	7	63	230	67	0	7	5	12 3	344	96
EASTERN EUROPE	1088	161	226	26	131	544	52	4	35	67	106 10	1055	97
AUSTRIA	264	63	27	12	27	129	50	3	23	0	26 10	259	98
BELGIUM	498	105	93	22	73	293	58	5	13	2	20 4	497	99
DENMARK	381	30	75	6	31	142	38	3	22	3	28 7	374	98

LOCATION	ST3 TOTAL	ACADEMIC LEVEL: GRADUATE MASTERS NUM	GRADUATE DOCTOR NUM	GRADUATE PRF TRNG NUM	GRADUATE UNSPEC NUM	GRADUATE TOTAL NUM	GRADUATE TOTAL % ACD	OTHER PR TRNG NUM	OTHER NON DEG NUM	OTHER INT ENGL NUM	OTHER TOTAL NUM	OTHER TOTAL % ACD	ACADEMIC TOTAL	ACADEMIC % ST3
FINLAND	395	39	40	9	33	121	32	5	9	3	17	4	374	96
FRANCE	2526	544	210	61	332	1147	46	31	152	48	231	9	2471	98
GERMANY, FED. REP. OF	3227	637	339	90	449	1515	48	23	240	11	274	9	3149	98
GIBRALTAR	3	1	0	0	0	1	33	0	0	0	0	0	3	100
GREECE	2604	573	388	28	269	1259	49	11	25	16	52	2	2550	98
VATICAN CITY	3	0	0	0	0	0	0	0	0	0	0	0	3	100
ICELAND	429	70	44	2	43	159	39	3	4	3	10	2	408	95
IRELAND	683	120	101	12	72	305	46	12	27	1	40	6	665	98
ITALY	1237	190	194	46	154	584	48	11	46	49	106	9	1227	99
LIECHTENSTEIN	4	1	1	0	0	2	50	0	0	0	0	0	4	100
LUXEMBOURG	17	4	3	0	1	8	47	0	1	1	2	12	17	100
MALTA	37	6	1	0	3	8	22	0	2	0	2	6	36	97
MONACO	5	0	0	0	1	1	20	0	0	0	0	0	5	100
NETHERLANDS	997	146	102	28	74	350	36	10	34	1	45	5	969	97
NORWAY	1385	148	34	4	43	229	17	19	23	4	46	3	1345	97
PORTUGAL	347	54	75	9	22	160	47	5	6	6	17	5	342	99
SPAIN	1154	258	163	21	96	535	48	5	43	23	71	6	1123	97
SWEDEN	956	101	51	19	55	226	24	7	40	5	53	6	926	97
SWITZERLAND	651	95	49	52	65	241	41	3	32	24	59	9	641	98
UNITED KINGDOM	4147	593	439	94	400	1526	38	49	244	12	305	8	4022	97
WESTERN EUROPE	21950	3776	2419	515	2243	8953	42	205	986	213	1404	7	21405	98
EUROPE	23038	3937	2645	541	2374	9497	42	209	1021	280	1510	7	22460	97
CARIBBEAN, UNSPECIFIED	143	24	6	4	1	35	25	1	3	0	4	3	140	98
BAHAMAS	1131	33	4	18	19	74	7	3	4	0	7	1	1089	96
BARBADOS	226	17	6	7	6	36	16	0	1	0	1	0	220	97
CAYMAN ISLANDS	47	1	1	0	0	2	5	0	0	0	0	0	39	83
CUBA	1132	13	4	2	10	29	3	2	1	1	4	0	1131	100
DOMINICAN REPUBLIC	487	72	30	2	20	124	26	0	6	19	25	5	479	98
GUADELOUPE	1	0	0	0	0	0	0	0	0	0	0	0	1	100
HAITI	979	43	5	9	12	69	7	3	4	19	26	3	976	100
JAMAICA	1425	141	55	72	102	370	27	9	11	1	21	2	1365	96
LEEWARD ISLANDS	6	0	0	0	0	0	0	1	0	0	1	17	6	100
ANTIGUA	88	6	3	4	3	16	19	0	0	0	0	0	84	95
BRITISH VIRGIN ISLANDS	67	3	0	0	2	5	7	0	0	0	0	0	67	100
MONTSERRAT	4	0	0	1	0	1	25	0	0	0	0	0	4	100
ST. KITTS-NEVIS	19	3	0	1	1	5	26	0	0	0	0	0	19	100
ANGUILLA	2	0	0	0	0	0	0	0	0	0	0	0	2	100
MARTINIQUE	9	1	0	0	0	1	11	0	0	0	0	0	9	100
NETHERLANDS ANTILLES	458	35	6	15	6	62	15	2	12	1	15	4	427	93
TRINIDAD & TOBAGO	1585	98	30	58	106	292	19	7	9	2	18	1	1514	96
TURKS & CAICOS ISLANDS	14	1	0	0	2	3	21	0	1	0	1	7	14	100
WINDWARD ISLANDS	5	0	0	0	1	1	20	0	0	0	0	0	5	100
DOMINICA	32	0	0	3	0	3	11	0	1	0	1	4	28	88
GRENADA	94	3	1	7	13	29	33	0	0	0	0	0	89	95

LOCATION	ST3 TOTAL	GRADUATE							OTHER				ACADEMIC	
		MASTERS	DOCTOR	PRF TRNG	UNSPEC	TOTAL PR TRNG			NON DEG	INT ENGL	TOTAL		TOTAL	
		NUM	NUM	NUM	NUM	NUM	% ACD	NUM	NUM	NUM	NUM	% ACD	TOTAL	% ST3
ST. LUCIA	45	4	3	0	5	12	27	1	0	0	1	2	45	100
ST. VINCENT	23	1	0	1	0	2	9	0	1	0	1	4	23	100
CARIBBEAN	8022	504	154	206	309	1171	15	29	54	43	126	2	7776	97
CENTRAL AMERICA, UNSPECIFIED	3	0	0	0	0	0	0	0	1	0	1	33	3	100
BELIZE	194	12	2	0	1	15	8	1	0	0	1	1	188	97
COSTA RICA	461	80	49	4	25	158	34	5	18	5	28	6	458	99
EL SALVADOR	820	91	23	3	13	130	16	9	6	46	61	8	811	99
GUATEMALA	521	83	22	5	18	128	25	4	9	8	21	4	516	99
HONDURAS	804	123	19	3	8	153	19	5	10	19	34	4	786	98
MEXICO	3663	559	438	38	235	1270	35	17	65	160	242	7	3616	99
NICARAGUA	1405	36	14	3	29	82	6	1	9	3	13	1	1397	99
PANAMA	1163	118	28	10	18	174	15	4	13	47	64	6	1131	97
CENTRAL AMERICA	9034	1102	595	66	347	2110	24	46	131	288	465	5	8906	99
SOUTH AMERICA, UNSPECIFIED	5	0	0	0	0	0	0	0	0	0	0	0	5	100
ARGENTINA	855	175	127	18	93	413	50	10	33	16	59	7	832	97
BOLIVIA	705	62	23	1	22	108	16	4	12	11	27	4	694	97
BRAZIL	1893	399	416	31	180	1026	55	16	47	55	118	6	1849	98
CHILE	778	103	130	11	121	365	48	15	18	16	49	6	761	98
COLOMBIA	2729	383	145	20	129	677	25	28	50	150	228	9	2677	98
ECUADOR	711	102	20	4	24	150	21	6	5	21	55	5	701	99
FALKLAND ISLANDS	1	0	0	0	0	0	0	0	0	0	0	0	1	100
FRENCH GUIANA	5	0	0	0	0	0	0	0	0	0	0	0	5	100
GUYANA	322	33	25	14	29	101	32	3	2	0	5	2	316	98
PARAGUAY	115	24	3	5	2	34	30	1	6	4	11	10	115	100
PERU	1408	199	107	11	66	383	28	22	28	31	81	6	1363	97
SURINAME	136	15	2	0	2	19	16	0	1	0	1	1	122	90
URUGUAY	171	41	27	7	18	93	55	3	5	2	10	6	168	98
VENEZUELA	5089	495	196	19	135	845	17	46	54	101	201	4	4938	97
SOUTH AMERICA	14923	2031	1221	141	821	4214	29	154	264	407	825	6	14537	97
LATIN AMERICA	31979	3637	1970	411	1477	7495	24	229	449	758	1416	5	31219	98
BERMUDA	458	13	6	11	14	44	10	2	12	1	15	3	451	98
CANADA	10997	1466	1135	325	777	3703	34	146	200	7	353	3	10774	98
NORTH AMERICAN REGION	11455	1479	1141	336	791	3747	33	148	212	9	368	3	11225	98
NORTH AMERICA	11455	1479	1141	336	791	3747	33	148	212	8	368	3	11225	98
AUSTRALIA	988	185	208	43	150	586	60	12	36	1	49	5	975	99
NEW ZEALAND	334	32	90	20	49	191	58	6	9	1	16	5	331	99
AUSTRALIA + NEW ZEALAND	1322	217	298	63	199	777	59	18	45	2	65	5	1306	99
SOLOMON ISLANDS	2	1	0	0	0	1	50	0	0	0	0	0	2	100
COOK ISLANDS	5	0	0	0	2	2	40	0	0	0	0	0	5	100
FIJI	54	3	4	0	7	14	28	0	0	1	1	2	50	93
FRENCH POLYNESIA	34	1	1	0	1	3	9	0	0	0	0	0	34	100
KIRIBATI	4	1	0	0	1	2	50	0	0	0	0	0	4	100
NAURU	2	0	0	0	0	0	0	0	0	0	0	0	2	100
NEW CALEDONIA	2	0	0	0	0	0	0	0	0	0	0	0	2	100
PAPUA-NEW GUINEA	26	4	4	2	8	18	69	0	0	0	0	0	26	100

LOCATION	ACADEMIC LEVEL: STS TOTAL	GRADUATE: MASTERS NUM	GRADUATE: DOCTOR NUM	GRADUATE: PRF TRNG NUM	GRADUATE: UNSPEC NUM	GRADUATE: TOTAL PR TRNG NUM	GRADUATE: TOTAL PR TRNG % ACD	OTHER: NON DEG NUM	OTHER: INT ENGL NUM	OTHER: TOTAL NUM	OTHER: TOTAL % ACD	ACADEMIC TOTAL	ACADEMIC TOTAL % STS
VIUE	2	2	0	0	0	2	100	0	0	0	0	2	100
PACIFIC ISLANDS, TRUST TER.	1181	25	3	3	15	46	4	7	5	4	16 1	1169	99
TONGA	22	3	0	0	0	3	14	0	0	1	1 5	22	100
WALLIS & FUTUNA ISLANDS	1	0	0	0	0	0	0	0	0	0	0 0	1	100
WESTERN SAMOA	45	7	2	0	2	11	25	0	0	0	0 0	44	98
PACIFIC OCEAN ISLAND AREAS	1380	47	14	5	36	102	7	7	5	6	18 1	1363	99
OCEANIA	2702	264	312	68	235	879	33	25	50	5	83 3	2669	99
STATELESS	628	60	28	12	46	146	23	2	53	35	90 14	623	99
COUNTRY UNKNOWN	532	14	1	1	94	110	21	1	52	200	253 48	531	100
STATELESS REGION	1160	74	29	13	140	256	22	3	105	235	343 30	1154	99
STATELESS OR UNKNOWN	1160	74	29	13	140	256	22	3	105	235	343 30	1154	99
******** FINAL TOTALS *******	227956	39749	24875	2932	19156	86712	39	2036	4229	4601	10866 5	221665	97

Major Field-of-Study Categories

AGRICULTURE
01 Agribusiness and Agricultural Production
02 Agricultural Sciences
03 Renewable Natural Resources

ARCHITECTURE AND ENVIRONMENTAL DESIGN
04 Architecture and Environmental Design

AREA AND ETHNIC STUDIES
05 Area and Ethnic Studies

BUSINESS
06 Business and Management
07 Business and Office
08 Marketing and Distribution

COMMUNICATIONS
09 Communications
10 Communication Technologies

COMPUTER AND INFORMATION SCIENCES
11 Computer and Information Sciences

CONSUMER, PERSONAL, AND MISCELLANEOUS SERVICES
12 Consumer, Personal, and Miscellaneous Services

EDUCATION
13 Education

ENGINEERING
14 Engineering
15 Engineering and Engineering-Related Technologies

FOREIGN LANGUAGES
16 Foreign Languages

HEALTH
17 Allied Health
18 Health Sciences

HOME ECONOMICS
19 Home Economics
20 Vocational Home Economics

INDUSTRIAL ARTS
21 Industrial Arts

LAW
22 Law

LETTERS
23 Letters

LIBERAL/GENERAL STUDIES
24 Liberal/General Studies

LIBRARY AND ARCHIVAL SCIENCES
25 Library and Archival Sciences

LIFE SCIENCES
26 Life Sciences

MATHEMATICS
27 Mathematics

MILITARY SCIENCES
28 Military Sciences
29 Military Technologies

MULTI/INTERDISCIPLINARY STUDIES
30 Multi/Interdisciplinary Studies

PARKS AND RECREATION
31 Parks and Recreation

PERSONAL AND SOCIAL DEVELOPMENT
32 Basic Skills
33 Citizenship/Civic Activities
34 Health-Related Activities
35 Interpersonal Skills
36 Leisure and Recreational Activities
37 Personal Awareness

PHILOSOPHY, RELIGION, AND THEOLOGY
38 Philosophy and Religion
39 Theology

PHYSICAL SCIENCES
40 Physical Sciences
41 Science Technologies

PSYCHOLOGY
42 Psychology

PUBLIC AFFAIRS AND PROTECTIVE SERVICES
43 Protective Services
44 Public Affairs

SOCIAL SCIENCES
45 Social Sciences

TRADE AND INDUSTRIAL
46 Construction Trades
47 Mechanics and Repairers
48 Precision Production
49 Transportation and Material Moving

VISUAL AND PERFORMING ARTS
50 Visual and Performing Arts

INTENSIVE ENGLISH LANGUAGE
60 Intensive English Language

UNDECLARED
90 Undeclared

DETAILED FIELD-OF-STUDY CATEGORIES

A classification of instructional programs produced by the National Center for Education Statistics

CODE	FIELD OF STUDY
01.0000	**AGRIBUSINESS AND AGRICULTURAL PRODUCTION**
01.0101	Agricultural business and management, general
01.0102	Agricultural business
01.0103	Agricultural economics
01.0104	Farm and ranch management
01.0199	Agricultural business and management, other
01.0201	Agricultural mechanics, general
01.0202	Agricultural electrification, power, and controls
01.0203	Agricultural mechanics, construction, and maintenance skills
01.0204	Agricultural power machinery
01.0205	Agricultural structures, equipment, and facilities
01.0206	Soil and water mechanical practices
01.0299	Agricultural mechanics, other
01.0301	Agricultural production, general
01.0302	Animal production
01.0303	Aquaculture
01.0304	Crop production
01.0305	Game farm management
01.0399	Agricultural production, other
01.0401	Agricultural products and processing, general
01.0402	Food products
01.0403	Nonfood products
01.0499	Agricultural products and processing, other
01.0501	Agricultural services and supplies, general
01.0502	Agricultural services
01.0503	Agricultural supplies marketing
01.0504	Animal grooming
01.0505	Animal training
01.0506	Horseshoeing
01.0599	Agricultural services and supplies, other
01.0601	Horticulture, general
01.0602	Arboriculture
01.0603	Floriculture
01.0604	Greenhouse operation and management
01.0605	Landscaping
01.0606	Nursery operation and management
01.0607	Turf management
01.0699	Horticulture, other
01.0701	International agriculture
01.9999	Agribusiness and agricultural production, other
02.0000	**AGRICULTURAL SCIENCES**
02.0101	Agricultural sciences, general
02.0201	Animal sciences, general
02.0202	Animal breeding and genetics
02.0203	Animal health
02.0204	Animal nutrition
02.0205	Animal physiology
02.0206	Dairy
02.0207	Fisheries science
02.0208	Livestock
02.0209	Poultry
02.0299	Animal sciences, other
02.0301	Food sciences, general
02.0302	Dairy processing
02.0303	Food distribution
02.0304	Food engineering
02.0305	Food packaging
02.0306	Food technology
02.0399	Food sciences, other
02.0401	Plant sciences, general
02.0402	Agronomy
02.0403	Horticulture science
02.0404	Ornamental horticulture
02.0405	Plant breeding and genetics
02.0406	Plant pathology (applied)
02.0407	Plant physiology
02.0408	Plant protection (pest management)
02.0409	Range management
02.0410	Turf management science
02.0499	Plant sciences, other
02.0501	Soil sciences, general
02.0502	Soil chemistry
02.0503	Soil conservation
02.0504	Soil management and fertility
02.0505	Soil microbiology
02.0506	Soil physics
02.0599	Soil sciences, other
02.9999	Agricultural sciences, other
03.0000	**RENEWABLE NATURAL RESOURCES**
03.0101	Renewable natural resources, general
03.0201	Conservation and regulation, general
03.0202	Conservation
03.0203	Resources protection and regulation
03.0299	Conservation and regulation, other
03.0301	Fishing and fisheries, general
03.0302	Fisheries
03.0399	Fishing and fisheries, other
03.0401	Forestry production and processing, general
03.0402	Forest production
03.0403	Forest products utilization
03.0404	Forest products processing technology
03.0405	Logging
03.0406	Pulp and paper production
03.0499	Forestry production and processing, other
03.0501	Forestry and related sciences, general
03.0502	Forestry science
03.0503	Forest biology
03.0504	Forest engineering
03.0505	Forest hydrology
03.0506	Forest management
03.0507	Forest mensuration
03.0508	Urban forestry
03.0509	Wood science
03.0599	Forestry and related sciences, other
03.0601	Wildlife management
03.9999	Renewable natural resources, other
04.0000	**ARCHITECTURE AND ENVIRONMENTAL DESIGN**
04.0101	Architecture and environmental design, general
04.0201	Architecture
04.0301	City, community, and regional planning
04.0401	Environmental design
04.0501	Interior design
04.0601	Landscape architecture
04.0701	Urban design
04.9999	Architecture and environmental design, other
05.0000	**AREA AND ETHNIC STUDIES**
05.0101	African studies
05.0102	American studies
05.0103	Asian studies, general
05.0104	East Asian studies
05.0105	Eastern European studies
05.0106	European studies, general
05.0107	Latin American studies
05.0108	Middle Eastern studies
05.0109	Pacific area studies
05.0110	Russian and Slavic studies
05.0111	Scandinavian studies
05.0112	South Asian studies
05.0113	Southeast Asian studies
05.0114	Western European studies
05.0199	Area studies, other
05.0201	Afro-American (black) studies
05.0202	American Indian studies
05.0203	Hispanic-American studies
05.0204	Islamic studies
05.0205	Jewish studies
05.0299	Ethnic studies, other
05.9999	Area and ethnic studies, other
06.0000	**BUSINESS AND MANAGEMENT**
06.0101	Business and management, general
06.0201	Accounting
06.0301	Banking and finance
06.0401	Business administration and management, general
06.0402	Contract management and procurement/purchasing

06.0403 Product management
06.0404 Systems efficiency analysis
06.0499 Business administration and management, other
06.0501 Business economics
06.0601 Human resources development
06.0701 Hotel/motel management
06.0702 Recreational enterprises management
06.0703 Resort management
06.0704 Restaurant management
06.0705 Transportation management
06.0799 Institutional management, other
06.0801 Insurance and risk management
06.0901 International business management
06.1001 Investments and securities
06.1101 Labor/industrial relations
06.1201 Management information systems
06.1301 Business statistics
06.1302 Operations research (quantitative methods)
06.1399 Management science, other
06.1401 Marketing management
06.1402 Marketing research
06.1499 Marketing management and research, other
06.1501 Organizational behavior
06.1601 Personnel management
06.1701 Real estate, general
06.1702 Commercial property
06.1703 Property management
06.1704 Real estate appraisal
06.1705 Real estate finance
06.1706 Real estate law
06.1707 Residential property
06.1799 Real estate, other
06.1801 Small business management
06.1802 Small business ownership
06.1899 Small business management and ownership, other
06.1901 Taxation
06.2001 Trade and industrial supervision and management
06.9999 Business and management, other

07.0000 BUSINESS AND OFFICE
07.0101 Accounting, bookkeeping, and related programs, general
07.0102 Accounting and computing
07.0103 Bookkeeping
07.0104 Machine billing, bookkeeping, and computing
07.0199 Accounting, bookkeeping, and related programs, other
07.0201 Banking and related financial programs, general
07.0202 Credit collection clerk
07.0203 Insurance clerk
07.0204 Loan clerk
07.0205 Teller
07.0206 Transit clerk
07.0299 Banking and related financial programs, other
07.0300 Business data processing and related programs
07.0301 Business data processing and related programs, general
07.0302 Business computer and console operation
07.0303 Business data entry equipment operation
07.0304 Business data peripheral equipment operation
07.0305 Business data programming
07.0306 Business systems analysis
07.0399 Business data processing and related programs, other
07.0401 Office supervision and management
07.0501 Personnel and training programs, general
07.0502 Educational assisting and training
07.0503 Personnel assisting
07.0599 Personnel and training programs, other
07.0601 Secretarial and related programs, general
07.0602 Court reporting
07.0603 Executive secretarial
07.0604 Legal secretarial
07.0605 Medical secretarial
07.0606 Secretarial
07.0607 Stenographic
07.0608 Word processing
07.0699 Secretarial and related programs, other
07.0701 Typing, general office, and related programs, general
07.0702 Clerk-typist
07.0703 Correspondence clerk
07.0704 Duplicating machine operation
07.0705 General office clerk
07.0706 Mail and order clerk
07.0707 Receptionist and communication systems operation
07.0708 Shipping, receiving, and stock clerk
07.0709 Traffic, rate, and transportation clerk
07.0710 Typing
07.0799 Typing, general office, and related programs, other
07.9999 Business and office, other

08.0000 MARKETING AND DISTRIBUTION
08.0101 Apparel and accessories marketing, general
08.0102 Fashion merchandising
08.0103 Fashion modeling
08.0104 Footwear marketing
08.0105 Jewelry marketing
08.0199 Apparel and accessories marketing, other
08.0201 Business and personal services marketing, general
08.0202 Display
08.0203 Marketing of business or personal services
08.0299 Business and personal services marketing, other
08.0301 Entrepreneurship, general
08.0401 Financial services marketing, general
08.0402 Banking marketing
08.0403 Credit marketing
08.0404 Credit union marketing
08.0405 Savings and loan marketing
08.0406 Securities and commodities marketing
08.0499 Financial services marketing, other
08.0501 Floristry, farm, and garden supplies marketing, general
08.0502 Farm and garden supplies marketing
08.0503 Floristry
08.0599 Floristry, farm, and garden supplies marketing, other
08.0601 Food marketing, general
08.0602 Convenience store marketing
08.0603 Specialty foods marketing
08.0604 Supermarket marketing
08.0605 Wholesale food marketing
08.0699 Food marketing, other
08.0701 Auctioneering
08.0702 Industrial sales
08.0703 International marketing
08.0704 Purchasing
08.0705 Retailing
08.0706 Sales
08.0707 Wholesaling
08.0799 General marketing, other
08.0801 Home and office products marketing, general
08.0802 Appliance marketing
08.0803 Building materials marketing
08.0804 Floor coverings, draperies, and upholstery marketing
08.0805 Furniture marketing
08.0806 Hardware marketing
08.0807 Office products and equipment marketing
08.0808 Specialty home furnishings marketing
08.0899 Home and office products marketing, other
08.0901 Hospitality and recreation marketing, general
08.0902 Marketing of hotel/motel services
08.0903 Marketing of recreational services
08.0904 Recreational products marketing
08.0905 Waiter/waitress and related services
08.0999 Hospitality and recreation marketing, other
08.1001 Insurance marketing, general
08.1002 Accident and health insurance marketing
08.1003 Life insurance marketing
08.1004 Property and casualty insurance marketing
08.1099 Insurance marketing, other
08.1101 Transportation and travel marketing, general
08.1102 Freight transportation marketing
08.1103 Passenger transportation marketing
08.1104 Tourism
08.1105 Travel services marketing
08.1106 Warehouse services marketing
08.1199 Transportation and travel marketing, other
08.1201 Vehicles and petroleum marketing, general
08.1202 Agricultural implements and machinery marketing
08.1203 Automotive vehicles and accessories marketing
08.1204 Petroleum wholesaling
08.1205 Recreational vehicles and accessories marketing
08.1206 Service station retailing
08.1207 Vehicle rental and leasing
08.1299 Vehicles and petroleum marketing, other
08.9999 Marketing and distribution, other

09.0000 COMMUNICATIONS
09.0101 Communications, general
09.0201 Advertising
09.0301 Communications research
09.0401 Journalism (mass communications)
09.0501 Public relations
09.0601 Radio/television news broadcast
09.0701 Radio/television, general
09.9999 Communications, other

10.0000 COMMUNICATION TECHNOLOGIES
10.0101 Educational media technology

10.0102 Motion picture technology
10.0103 Photographic technology
10.0104 Radio and television production and broadcasting technology
10.0199 Communication technologies, other

11.0000 COMPUTER AND INFORMATION SCIENCES
11.0101 Computer and information sciences, general
11.0201 Computer programming
11.0301 Data processing
11.0401 Information sciences and systems
11.0501 Systems analysis
11.9999 Computer and information sciences, other

12.0000 CONSUMER, PERSONAL, AND MISCELLANEOUS SERVICES
12.0101 Drycleaning and laundering services, general
12.0102 Drycleaning
12.0103 Laundering
12.0199 Drycleaning and laundering services, other
12.0201 Entertainment services, general
12.0202 Bartending
12.0203 Card dealing
12.0204 Umpiring
12.0299 Entertainment services, other
12.0301 Funeral services
12.0401 Personal services, general
12.0402 Barbering
12.0403 Cosmetology
12.0404 Electrolysis
12.0405 Massage
12.0499 Personal services, other
12.9999 Consumer, personal, and miscellaneous services, other

13.0000 EDUCATION
13.0101 Education, general
13.0201 Bilingual/bicultural education
13.0301 Curriculum and instruction
13.0401 Education administration, general
13.0402 Administration of special education
13.0403 Adult and continuing education administration
13.0404 Educational supervision
13.0405 Elementary and secondary education administration
13.0406 Higher education administration
13.0407 Community college education administration
13.0499 Education administration, other
13.0501 Educational media
13.0601 Evaluation and research, general
13.0602 Adult and continuing education research
13.0603 Educational statistics and research
13.0604 Educational testing, evaluation, and measurement
13.0605 Elementary and secondary research
13.0606 Higher education research
13.0699 Evaluation and research, other
13.0701 International and comparative education
13.0801 School psychology
13.0901 Social foundations
13.1001 Special education, general
13.1002 Education of the culturally disadvantaged
13.1003 Education of the deaf and hearing impaired
13.1004 Education of the gifted and talented
13.1005 Education of the emotionally handicapped
13.1006 Education of the mentally handicapped
13.1007 Education of the multiple handicapped
13.1008 Education of the physically handicapped
13.1009 Education of the visually handicapped
13.1010 Remedial education
13.1011 Specific learning disabilities
13.1012 Speech correction
13.1099 Special education, other
13.1101 Student counseling and personnel services
13.1201 Adult and continuing education
13.1202 Elementary education
13.1203 Junior high education
13.1204 Pre-elementary education
13.1205 Secondary education
13.1299 Teacher education, general programs, other
13.1301 Agricultural education
13.1302 Art education
13.1303 Business education
13.1304 Driver and safety education
13.1305 English education
13.1306 Foreign languages education
13.1307 Health education
13.1308 Home economics education
13.1309 Industrial arts education
13.1310 Marketing and distributive education
13.1311 Mathematics education
13.1312 Music education
13.1313 Nutritional education
13.1314 Physical education
13.1315 Reading education
13.1316 Science education
13.1317 Social science education
13.1318 Social studies education
13.1319 Technical education
13.1320 Trade and industrial education
13.1399 Teacher education, specific subject areas, other
13.1401 Teaching English as a second language/foreign language
13.9999 Education, other

14.0000 ENGINEERING
14.0101 Engineering, general
14.0201 Aerospace, aeronautical, and astronautical engineering
14.0301 Agricultural engineering
14.0401 Architectural engineering
14.0501 Bioengineering and biomedical engineering
14.0601 Ceramic engineering
14.0701 Chemical engineering
14.0801 Civil engineering
14.0901 Computer engineering
14.1001 Electrical, electronics, and communications engineering
14.1101 Engineering mechanics
14.1201 Engineering physics
14.1301 Engineering science
14.1401 Environmental health engineering
14.1501 Geological engineering
14.1601 Geophysical engineering
14.1701 Industrial engineering
14.1801 Materials engineering
14.1901 Mechanical engineering
14.2001 Metallurgical engineering
14.2101 Mining and mineral engineering
14.2201 Naval architecture and marine engineering
14.2301 Nuclear engineering
14.2401 Ocean engineering
14.2501 Petroleum engineering
14.2601 Surveying and mapping sciences
14.2602 Cartography
14.2701 Systems engineering
14.2801 Textile engineering
14.9999 Engineering, other

15.0000 ENGINEERING AND ENGINEERING-RELATED TECHNOLOGIES
15.0101 Architectural design and construction technology
15.0102 Architectural interior design technology
15.0199 Architectural technologies, other
15.0201 Civil technology
15.0202 Drafting and design technology
15.0203 Surveying and mapping technology
15.0204 Urban planning technology
15.0299 Civil technologies, other
15.0301 Computer technology
15.0302 Electrical technology
15.0303 Electronic technology
15.0304 Laser electro-optic technology
15.0399 Electrical and electronic technologies, other
15.0401 Biomedical equipment technology
15.0402 Computer servicing technology
15.0403 Electromechanical technology
15.0404 Instrumentation technology
15.0499 Electromechanical instrumentation and maintenance technologies, other
15.0501 Air conditioning, heating, and refrigeration technology
15.0502 Air pollution control technology
15.0503 Energy conservation and use technology
15.0504 Sanitation technology
15.0505 Solar heating and cooling technology
15.0506 Water and wastewater technology
15.0599 Environmental control technologies, other
15.0601 Chemical manufacturing technology
15.0602 Food processing technology
15.0603 Industrial technology
15.0604 Manufacturing technology
15.0605 Marine products technology
15.0606 Optical technology
15.0607 Plastic technology
15.0608 Safety technology
15.0609 Textile technology
15.0610 Welding technology
15.0699 Industrial production technologies, other
15.0701 Occupational safety and health technology
15.0702 Quality control technology
15.0799 Quality control and safety technologies, other
15.0801 Aeronautical technology
15.0802 Agricultural equipment technology
15.0803 Automotive technology

15.0804 Marine propulsion technology
15.0805 Mechanical design technology
15.0899 Mechanical and related technologies, other
15.0901 Coal mining technology
15.0902 Mining (excluding coal) technology
15.0903 Petroleum technology
15.0999 Mining and petroleum technologies, other
15.9999 Engineering and engineering-related technologies, other

16.0000 FOREIGN LANGUAGES
16.0101 Foreign languages, multiple emphasis
16.0201 African (non-semitic) languages
16.0301 Chinese
16.0302 Japanese
16.0303 Korean
16.0399 Asiatic languages, other
16.0401 Baltic languages
16.0402 Russian
16.0403 Slavic languages (other than Russian)
16.0501 German
16.0502 Scandinavian languages
16.0503 Yiddish
16.0599 Germanic languages, other
16.0601 Greek (classical)
16.0602 Greek (modern)
16.0701 Hindi
16.0702 Sanskrit
16.0799 Indic languages, other
16.0801 Iranian languages
16.0901 French
16.0902 Italian
16.0903 Latin
16.0904 Portuguese
16.0905 Spanish
16.0999 Italic languages, other
16.1001 Native American languages
16.1101 Arabic
16.1102 Hebrew
16.1199 Semitic languages, other
16.9999 Foreign languages, other

17.0000 ALLIED HEALTH
17.0101 Dental assisting
17.0102 Dental hygiene
17.0103 Dental laboratory technology
17.0199 Dental services, other
17.0201 Cardiopulmonary technology
17.0202 Dialysis technology
17.0203 Electrocardiograph technology
17.0204 Electroencephalograph technology
17.0205 Emergency medical technology — ambulance
17.0206 Emergency medical technology — paramedic
17.0207 Medical radiation dosimetry
17.0208 Nuclear medical technology
17.0209 Radiograph medical technology
17.0210 Respiratory therapy technology
17.0211 Surgical technology
17.0212 Ultrasound technology
17.0299 Diagnostic and treatment services, other
17.0301 Blood bank technology
17.0302 Chemistry technology
17.0303 Clinical animal technology
17.0304 Clinical laboratory aide
17.0305 Clinical laboratory assisting
17.0306 Cytotechnology
17.0307 Hematology technology
17.0308 Histologic technology
17.0309 Medical laboratory technology
17.0310 Medical technology
17.0311 Microbiology technology
17.0399 Medical laboratory technologies, other
17.0401 Alcohol/drug abuse specialty
17.0402 Community health work
17.0403 Genetic counseling
17.0404 Home health aide
17.0405 Mental health/human services assisting
17.0406 Mental health/human services technology
17.0407 Rehabilitation counseling
17.0408 Therapeutic child care work
17.0499 Mental health/human services, other
17.0501 Animal technology
17.0502 Central supply technology
17.0503 Medical assisting
17.0504 Medical illustrating
17.0505 Medical office management
17.0506 Medical records technology
17.0507 Pharmacy assisting
17.0508 Physician assisting — primary care
17.0509 Physician assisting — specialty
17.0510 Podiatric assisting
17.0511 Veterinarian aide
17.0512 Veterinarian assisting
17.0513 Ward clerk
17.0599 Miscellaneous allied health services, other
17.0601 Geriatric aide
17.0602 Nursing assisting
17.0603 Obstetrical technology
17.0604 Pediatric aide
17.0605 Practical nursing
17.0606 Ward service management
17.0699 Nursing-related services, other
17.0701 Ophthalmic dispensing
17.0702 Ophthalmic laboratory technology
17.0703 Ophthalmic medical assisting
17.0704 Optometric assisting
17.0705 Optometric technology
17.0706 Orthoptics
17.0799 Ophthalmic services, other
17.0801 Art therapy
17.0802 Corrective therapy
17.0803 Dance therapy
17.0804 Exercise physiology
17.0805 Manual arts therapy
17.0806 Music therapy
17.0807 Occupational therapy
17.0808 Occupational therapy assisting
17.0809 Occupational therapy aide
17.0810 Orthotic/prosthetic assisting
17.0811 Orthotics/prosthetics
17.0812 Orthopedic assisting
17.0813 Physical therapy
17.0814 Physical therapy aide
17.0815 Physical therapy assisting
17.0816 Recreational therapy
17.0817 Recreational therapy technology
17.0818 Respiratory therapy
17.0819 Respiratory therapy assisting
17.0820 Speech/hearing therapy aide
17.0821 Speech-language pathology/audiology
17.0899 Rehabilitation services, other
17.9999 Allied health, other

18.0000 HEALTH SCIENCES
18.0101 Audiology
18.0102 Speech pathology
18.0103 Speech pathology/audiology
18.0199 Audiology and speech pathology, other
18.0201 Clinical anatomy
18.0202 Clinical biochemistry
18.0203 Clinical microbiology
18.0204 Clinical pathology
18.0205 Physiology
18.0299 Basic clinical health sciences, other
18.0301 Chiropractic
18.0401 Dentistry, general
18.0402 Dental public health
18.0403 Endodontics
18.0404 Oral/maxial facial surgery
18.0405 Oral pathology
18.0406 Orthodontics
18.0407 Pedodontics
18.0408 Periodontics
18.0409 Prosthodontics
18.0499 Dentistry, other
18.0501 Emergency/disaster science
18.0601 Epidemiology
18.0701 Health care administration
18.0702 Health care planning
18.0703 Medical records administration
18.0799 Health sciences administration, other
18.0801 Hematology
18.0901 Medical laboratory
18.1001 Medicine, general
18.1002 Allergies and endomology
18.1003 Anesthesiology
18.1004 Colon and rectal surgery
18.1005 Dermatology
18.1006 Emergency medicine
18.1007 Family practice
18.1008 Geriatrics
18.1009 Immunology
18.1010 Internal medicine

18.1011 Neurological surgery
18.1012 Nuclear medicine
18.1013 Obstetrics and gynecology
18.1014 Ophthalmology
18.1015 Orthodontic surgery
18.1016 Orthopedic
18.1017 Otorhinolaryngology/otolaryngology
18.1018 Pathology
18.1019 Pediatrics
18.1020 Physical medicine and rehabilitation
18.1021 Plastic surgery
18.1022 Preventive medicine
18.1023 Psychiatry
18.1024 Neurology
18.1025 Radiology
18.1026 Surgery
18.1027 Thoracic surgery
18.1028 Urology
18.1099 Medicine, other
18.1101 Nursing, general
18.1102 Anesthetist
18.1103 Maternal/child health
18.1104 Medical surgical
18.1105 Nursing administration
18.1106 Psychiatric/mental health
18.1107 Public health
18.1199 Nursing, other
18.1201 Optometry
18.1301 Osteopathic medicine
18.1401 Pharmacy
18.1501 Podiatry
18.1601 Population and family planning
18.1701 Pre-dentistry
18.1801 Pre-medicine
18.1901 Pre-pharmacy
18.2001 Pre-veterinary
18.2101 Prosectorial science
18.2201 Public health laboratory science
18.2301 Toxicology (clinical)
18.2401 Veterinary medicine
18.2501 Public health (general)
18.9999 Health sciences, other

19.0000 HOME ECONOMICS
19.0101 Home economics, general
19.0201 Business home economics
19.0301 Family and community services, general
19.0302 Nonformal education (extension, adult/extended)
19.0303 Family services
19.0399 Family and community services, other
19.0401 Family/consumer resource management, general
19.0402 Consumer science
19.0403 Family economics
19.0499 Family/consumer resource management, other
19.0501 Food sciences and human nutrition, general
19.0502 Food/food sciences
19.0503 Dietetics/human nutritional services
19.0504 Human nutrition
19.0599 Food sciences and human nutrition, other
19.0601 Human environment and housing, general
19.0602 Household equipment
19.0603 Housing
19.0699 Human environment and housing, other
19.0701 Individual and family development, general
19.0702 Adult development
19.0703 Family counseling
19.0704 Family relations
19.0705 Geriatric services
19.0799 Individual and family development, other
19.0801 International/comparative home economics
19.0901 Textiles and clothing, general
19.0902 Fashion design
19.0903 Textiles and clothing, retail
19.0904 Textile science
19.0999 Textiles and clothing, other
19.9999 Home economics, other

20.0000 VOCATIONAL HOME ECONOMICS
20.0101 Comprehensive consumer and homemaking home economics
20.0102 Child development, care, and guidance
20.0103 Clothing and textiles
20.0104 Consumer education
20.0105 Exploratory homemaking
20.0106 Family/individual health
20.0107 Family living and parenthood
20.0108 Food and nutrition
20.0109 Home management
20.0110 Housing, home furnishing, and equipment
20.0199 Consumer and homemaking home economics, other
20.0201 Child care and guidance management and services, general
20.0202 Child care aide/assisting
20.0203 Child care management
20.0204 Foster care/family care
20.0205 Teacher aide
20.0299 Child care and guidance management and services, other
20.0301 Clothing, apparel, and textiles management, production, and services, general
20.0302 Clothing maintenance aide
20.0303 Commercial garment and apparel construction
20.0304 Custom apparel/garment seamstress
20.0305 Custom tailoring and alteration
20.0306 Fashion/fabric coordination
20.0307 Textiles testing
20.0308 Wedding/specialty consulting
20.0399 Clothing, apparel, and textiles management, production, and services, other
20.0401 Food production, management and services, general
20.0402 Baking
20.0403 Chef/cook
20.0404 Dietetic aide/assisting
20.0405 Food catering
20.0406 Food service
20.0407 Food testing
20.0408 School food service
20.0499 Food production, management, and services, other
20.0501 Home furnishings and equipment management, production, and services, general
20.0502 Custom drapery and window treatment design/making
20.0503 Custom slipcovering and upholstering
20.0504 Floral design
20.0505 Home decorating
20.0506 Home furnishings aide
20.0507 Home-service assisting
20.0599 Home furnishings and equipment management, production, and services, other
20.0601 Institutional, home management, and supporting programs, general
20.0602 Companion to the aged
20.0603 Consumer aide/assisting
20.0604 Custodial services
20.0605 Executive housekeeping
20.0606 Homemaker's aide
20.0607 Therapeutic recreation aide
20.0699 Institutional, home management, and supporting services, other
20.9999 Vocational home economics, other

21.0000 INDUSTRIAL ARTS
21.0101 Industrial arts, general
21.0102 Construction
21.0103 Drafting and design
21.0104 Electricity/electronics
21.0105 Energy, power, and transportation
21.0106 Graphic arts
21.0107 Manufacturing/materials processing
21.0499 Industrial arts, other

22.0000 LAW
22.0101 Law
22.0102 Pre-law
22.0103 Legal assisting
22.0199 Law, other

23.0000 LETTERS
23.0101 English, general
23.0201 Classics
23.0301 Comparative literature
23.0401 Composition
23.0501 Creative writing
23.0601 Linguistics (includes phonetics, semantics, and philology)
23.0701 Literature, American
23.0801 Literature, English
23.0901 Rhetoric
23.1001 Speech, debate, and forensics
23.1101 Technical and business writing
23.9999 Letters, other

24.0101 LIBERAL/GENERAL STUDIES
24.0199 Liberal/general studies, other

25.0000 LIBRARY AND ARCHIVAL SCIENCES
25.0101 Library and archival sciences, general
25.0201 Archival science
25.0301 Library assisting
25.0401 Library science
25.0501 Museology
25.9999 Library and archival sciences, other

26.0000 LIFE SCIENCES
26.0101 Biology, general
26.0201 Biochemistry and biophysics
26.0301 Botany, general
26.0302 Bacteriology
26.0303 Mycology
26.0304 Plant genetics
26.0305 Plant pathology
26.0306 Plant pharmacology
26.0307 Plant physiology
26.0399 Botany, other
26.0401 Cell biology
26.0402 Molecular biology
26.0499 Cell and molecular biology, other
26.0501 Microbiology
26.0601 Anatomy
26.0602 Biometrics and biostatistics
26.0603 Ecology
26.0604 Embryology
26.0605 Endocrinology
26.0606 Histology
26.0607 Marine biology
26.0608 Neurosciences
26.0609 Nutritional sciences
26.0610 Parasitology
26.0611 Radiobiology
26.0612 Toxicology
26.0699 Miscellaneous specialized areas, life sciences, other
26.0701 Zoology, general
26.0702 Entomology
26.0703 Genetics, human and animal
26.0704 Pathology, human and animal
26.0705 Pharmacology, human and animal
26.0706 Physiology, human and animal
26.0799 Zoology, other
26.9999 Life sciences, other

27.0000 MATHEMATICS
27.0101 Mathematics, general
27.0201 Actuarial sciences
27.0301 Applied mathematics
27.0401 Pure mathematics
27.0501 Statistics
27.9999 Mathematics, other

28.0000 MILITARY SCIENCES
28.0101 Aerospace science (Air Force)
28.0201 Coast Guard science
28.0301 Military science (Army)
28.0401 Naval science (Navy, Marines)
28.9999 Military sciences, other

29.0101 MILITARY TECHNOLOGIES
29.0199 Military technologies, other

30.0000 MULTI/INTERDISCIPLINARY STUDIES
30.0101 Biological and physical sciences
30.0201 Clinical pastoral care
30.0301 Engineering and other disciplines
30.0401 Humanities and social sciences
30.0501 Peace studies
30.0601 Systems science
30.0701 Women's studies
30.9999 Multi/interdisciplinary studies, other

31.0000 PARKS AND RECREATION
31.0101 Parks and recreation, general
31.0201 Outdoor recreation
31.0301 Parks and recreation management
31.0401 Water resources
31.9999 Parks and recreation, other

32.0000 BASIC SKILLS
32.0101 Basic skills, general
32.0102 Academic and intellectual skills
32.0103 Communication skills
32.0104 Computational skills
32.0105 Job-seeking/changing skills
32.0106 Motor skills
32.0199 Basic skills, other

33.0000 CITIZENSHIP/CIVIC ACTIVITIES
33.0101 Citizenship/civic activities, general
33.0102 American citizenship
33.0103 Civic appreciation
33.0104 Civic participation

34.0000 HEALTH-RELATED ACTIVITIES
34.0101 Health-related activities, general
34.0102 Birth-related health practices
34.0103 Health enhancement practices
34.0104 Health treatment/prevention practices
34.0199 Health-related activities, other

35.0000 INTERPERSONAL SKILLS
35.0101 Interpersonal skills, general
35.0102 Building human relationships
35.0103 Perception of others
35.0104 Special role engineering
35.0199 Interpersonal skills, other

36.0000 LEISURE AND RECREATIONAL ACTIVITIES
36.0101 Leisure and recreational activities, general
36.0102 Crafts (leisure and recreational)
36.0103 Games
36.0104 Hobbies
36.0105 Housing/home maintenance
36.0106 Nature appreciation
36.0107 Pet care
36.0108 Sports/physical education
36.0109 Travel
36.0199 Leisure and recreational activities, other

37.0000 PERSONAL AWARENESS
37.0101 Personal awareness, general
37.0102 Coping skills
37.0103 Personal decision making
37.0104 Self-perception
37.0105 Values, attitudes, and beliefs
37.0199 Personal awareness, other

38.0000 PHILOSOPHY AND RELIGION
38.0101 Philosophy
38.0201 Religion
38.9999 Philosophy and religion, other

39.0000 THEOLOGY
39.0101 Biblical languages
39.0201 Bible studies
39.0301 Missionary studies
39.0401 Religious education
39.0501 Religious music
39.0601 Theological studies
39.9999 Theology, other

40.0000 PHYSICAL SCIENCES
40.0101 Physical sciences, general
40.0201 Astronomy
40.0301 Astrophysics
40.0401 Atmospheric sciences and meteorology
40.0501 Chemistry, general
40.0502 Analytical chemistry
40.0503 Inorganic chemistry
40.0504 Organic chemistry
40.0505 Pharmaceutical chemistry
40.0506 Physical chemistry
40.0599 Chemistry, other
40.0601 Geology
40.0602 Geochemistry
40.0603 Geophysics and seismology
40.0604 Paleontology
40.0699 Geological sciences, other
40.0701 Metallurgy
40.0702 Oceanography
40.0703 Earth science
40.0799 Miscellaneous physical sciences, other
40.0801 Physics, general
40.0802 Atomic/molecular physics
40.0803 Electron physics
40.0804 Elementary particle physics
40.0805 Fluids and plasmas
40.0806 Nuclear physics
40.0807 Optics
40.0808 Solid state physics
40.0899 Physics, other
40.0901 Planetary science
40.9999 Physical sciences, other

41.0000 SCIENCE TECHNOLOGIES
41.0101 Biological laboratory technology
41.0102 Oceanographic (biological) technology
41.0199 Biological technologies, other
41.0201 Nuclear materials handling technology

41.0202 Nuclear power plant operation technology
41.0203 Nuclear power plant radiation control technology
41.0204 Radiologic (physical) technology
41.0299 Nuclear technologies, other
41.0301 Chemical technology
41.0302 Geological technology
41.0303 Metallurgical technology
41.0304 Meteorological technology
41.0305 Oceanographic (physical) technology
41.0399 Physical science technologies, other
41.9999 Science technologies, other

42.0000 PSYCHOLOGY
42.0101 Psychology, general
42.0201 Clinical psychology
42.0301 Cognitive psychology
42.0401 Community psychology
42.0501 Comparative psychology
42.0601 Counseling psychology
42.0701 Developmental psychology
42.0801 Experimental psychology
42.0901 Industrial and organizational psychology
42.1001 Personality psychology
42.1101 Physiological psychology
42.1201 Psycholinguistics
42.1301 Psychometrics
42.1401 Psychopharmacology
42.1501 Quantitative psychology
42.1601 Social psychology
42.9999 Psychology, other

43.0000 PROTECTIVE SERVICES
43.0101 Correctional administration
43.0102 Corrections
43.0103 Criminal justice administration
43.0104 Criminal justice studies
43.0105 Criminal justice technology
43.0106 Forensic studies
43.0107 Law enforcement
43.0108 Law enforcement administration
43.0109 Security services
43.0199 Criminal justice, other
43.0201 Fire control and safety technology
43.0202 Fire protection administration
43.0203 Firefighting
43.0299 Fire protection, other
43.9999 Protective services, other

44.0000 PUBLIC AFFAIRS
44.0101 Public affairs, general
44.0201 Community services
44.0301 International public service
44.0401 Public administration
44.0501 Public policy studies
44.0601 Public sanitation
44.0602 Public transportation
44.0603 Public utilities
44.0699 Public works, other
44.0701 Social work, general
44.0702 Medical social work
44.0799 Social work, other
44.9999 Public affairs, other

45.0000 SOCIAL SCIENCES
45.0101 Social sciences, general
45.0201 Anthropology
45.0301 Archeology
45.0401 Criminology
45.0501 Demography
45.0601 Economics
45.0701 Geography
45.0801 History
45.0901 International relations
45.1001 Political science and government
45.1101 Sociology
45.1201 Urban studies
45.9999 Social sciences, other

46.0000 CONSTRUCTION TRADES
46.0101 Brickmasonry, stonemasonry, and tile setting, general
46.0102 Brick, block, and stonemasonry
46.0103 Tile setting
46.0199 Brickmasonry, stonemasonry, and tile setting, other
46.0201 Carpentry
46.0301 Electrical and power transmission installation, general
46.0302 Electrician
46.0303 Lineworker
46.0399 Electrical and power transmission installation, other
46.0401 Building maintenance
46.0402 Concrete placing and finishing
46.0403 Construction inspection
46.0404 Drywall installation
46.0405 Floor covering installation
46.0406 Glazing
46.0407 Insulation installation
46.0408 Painting and decorating
46.0409 Plastering
46.0410 Roofing
46.0411 Terrazzo installation
46.0499 Miscellaneous construction trades, other
46.0501 Plumbing, pipefitting, and steamfitting, general
46.0502 Pipefitting and steamfitting
46.0503 Plumbing
46.0599 Plumbing, pipefitting, and steamfitting, other
46.9999 Construction trades, other

47.0000 MECHANICS AND REPAIRS
47.0101 Electrical and electronics equipment repair, general
47.0102 Business machine repair
47.0103 Communication electronics
47.0104 Computer electronics
47.0105 Industrial electronics
47.0106 Major appliance repair
47.0107 Motor repair
47.0108 Small appliance repair
47.0109 Vending and recreational machine repair
47.0199 Electrical and electronics equipment repair, other
47.0201 Heating, air conditioning, and refrigeration mechanics, general
47.0202 Cooling and refrigeration
47.0203 Heating and air conditioning
47.0299 Heating, air conditioning, and refrigeration mechanics, other
47.0301 Industrial equipment maintenance and repair, general
47.0302 Heavy equipment maintenance and repair
47.0303 Industrial machinery maintenance and repair
47.0304 Mine equipment maintenance and repair
47.0305 Oil and gas drilling equipment operation and maintenance
47.0399 Industrial equipment maintenance and repair, other
47.0401 Electromechanical, hydraulic, and pneumatic instrument repair
47.0402 Gunsmithing
47.0403 Locksmithing and safe repair
47.0404 Musical instrument repair
47.0405 Operation, maintenance, and repair of audio-visual equipment
47.0406 Shoe and boot repair
47.0407 Sporting goods equipment repair
47.0408 Watch repair
47.0499 Miscellaneous mechanics and repairers, other
47.0501 Stationary energy sources, general
47.0502 Conventional electric power generation
47.0503 Industrial nuclear energy
47.0504 Pumping plants
47.0599 Stationary energy sources, other
47.0601 Vehicle and mobile equipment mechanics and repairers, general
47.0602 Aircraft mechanics
47.0603 Automotive body repairs
47.0604 Automotive mechanics
47.0605 Diesel engine mechanics
47.0606 Small engine repair
47.0699 Vehicle and mobile equipment mechanics and repairers, other
47.9999 Mechanics and repairers, other

48.0000 PRECISION PRODUCTION
48.0101 Drafting, general
48.0102 Architectural drafting
48.0103 Civil/structural drafting
48.0104 Electrical/electronics drafting
48.0105 Mechanical drafting
48.0199 Drafting, other
48.0201 Graphic and printing communications, general
48.0202 Bookbinding
48.0203 Commercial art
48.0204 Commercial photography
48.0205 Composition, make-up, and typesetting
48.0206 Lithography, photography, and platemaking
48.0207 Photographic laboratory and darkroom
48.0208 Printing press operations
48.0209 Silk screen making and printing
48.0299 Graphic and printing communications, other
48.0301 Leathermaking and upholstering, general
48.0302 Saddlemaking and repair
48.0303 Upholstering
48.0399 Leatherworking and upholstering, other
48.0401 Precision food production, general

48.0402 Meatcutting
48.0403 Slaughtering and butchering
48.0499 Precision food production, other
48.0501 Precision metal work, general
48.0502 Foundry work
48.0503 Machine tool operation/machine shop
48.0504 Metal fabrication
48.0505 Metal patternmaking
48.0506 Sheet metal
48.0507 Tool and die making
48.0508 Welding, brazing, and soldering
48.0599 Precision metal work, other
48.0601 Industrial ceramics manufacturing
48.0602 Jewelry design, fabrication, and repair
48.0603 Optical goods work
48.0604 Plastics
48.0699 Precision work, assorted materials, other
48.0701 Woodworking, general
48.0702 Furniture making
48.0703 Millwork and cabinet making
48.0799 Woodworking, other
48.9999 Precision products, other

49.0000 TRANSPORTATION AND MATERIAL MOVING
49.0101 Air transportation, general
49.0102 Airplane piloting and navigation
49.0103 Aviation computer technology
49.0104 Aviation management
49.0105 Air traffic control
49.0106 Flight attendants
49.0199 Air transportation, other
49.0201 Vehicle and equipment operation, general
49.0202 Construction equipment operation
49.0203 Material handling
49.0204 Mining equipment operation
49.0205 Truck and bus driving
49.0299 Vehicle and equipment operation, other
49.0301 Water transportation, general
49.0302 Barge and boat operation
49.0303 Commercial fishing operation
49.0304 Deep water diving and life support systems
49.0305 Marina operations
49.0306 Marine maintenance
49.0307 Merchant Marine officers
49.0308 Sailors and deckhands
49.0399 Water transportation, other
49.9999 Transportation and material moving, other

50.0000 VISUAL AND PERFORMING ARTS
50.0101 Visual and performing arts, general
50.0201 Crafts, general
50.0202 Ceramics
50.0203 Enameling
50.0204 Fiber/textiles/weaving
50.0205 Glass
50.0206 Metal/jewelry
50.0299 Crafts, other
50.0301 Dance
50.0401 Design, general
50.0402 Graphic design
50.0403 Illustration design
50.0404 Industrial design
50.0405 Theater design
50.0499 Design, other
50.0501 Dramatic arts
50.0601 Film arts, general
50.0602 Cinematography/film
50.0603 Film animation
50.0604 Holography
50.0605 Photography
50.0606 Video
50.0699 Film arts, other
50.0701 Film arts, general
50.0702 Art conservation
50.0703 Art history and appreciation
50.0704 Arts management
50.0705 Drawing
50.0706 Intermedia
50.0707 Kinetics
50.0708 Painting
50.0709 Sculpture
50.0799 Fine arts, other
50.0801 Graphic arts technology
50.0901 Music, general
50.0902 Music history and appreciation
50.0903 Music performance
50.0904 Music theory and composition
50.0999 Music, other
50.9999 Visual and performing arts, other

60.0101 INTENSIVE ENGLISH LANGUAGE

90.0101 UNDECLARED

E. Countries and Other Places by World Region and Subregion

1000 AFRICA

1100 Eastern Africa
1115 Burundi
1120 Comoros
1105 Djibouti
1125 Ethiopia
1130 Kenya
1135 Madagascar
1140 Malawi
1145 Mauritius
1150 Mozambique
1155 Reunion
1165 Rwanda
1170 Seychelles
1175 Somalia
1180 Tanzania
1185 Uganda
1190 Zambia
1160 Zimbabwe

1200 Central Africa
1210 Angola
1220 Cameroon
1230 Central African Republic
1240 Chad
1250 Congo
1260 Equatorial Guinea
1270 Gabon
1280 Sao Tome & Principe
1290 Zaire

1300 North Africa
1310 Algeria
1320 Canary Islands
1330 Egypt
1340 Libya
1350 Morocco
1370 Sudan
1380 Tunisia
1360 Western Sahara

1400 Southern Africa
1410 Botswana
1420 Lesotho
1430 Namibia
1440 South Africa
1450 Swaziland

1500 West Africa
1510 Benin
1585 Bourkina Fasso
1505 Cape Verde
1515 Gambia
1520 Ghana
1525 Guinea
1530 Guinea-Bissau
1535 Ivory Coast
1540 Liberia
1545 Mali
1550 Mauritania
1555 Niger
1560 Nigeria
1565 St. Helena
1570 Senegal
1575 Sierra Leone
1580 Togo

3000 EUROPE

3100 Eastern Europe
3110 Albania
3120 Bulgaria
3130 Czechoslovakia
3140 German Democratic Republic
3150 Hungary
3160 Poland
3170 Romania
3180 U.S.S.R.
3190 Yugoslavia

3200 Western Europe
3203 Andorra
3206 Austria
3210 Belgium
3213 Denmark
3216 Faroe Islands
3220 Finland
3223 France
3226 Germany, Federal Republic of
3233 Gibraltar
3236 Greece
3243 Iceland
3246 Ireland
3250 Italy
3253 Liechtenstein
3256 Luxembourg
3260 Malta
3263 Monaco
3266 Netherlands
3270 Norway
3273 Portugal
3276 San Marino
3280 Spain
3283 Sweden
3286 Switzerland
3290 United Kingdom
3240 Vatican City

4000 LATIN AMERICA

4100 Caribbean
4105 Bahamas
4110 Barbados
4115 Cayman Islands
4120 Cuba
4125 Dominican Republic
4130 Guadeloupe
4135 Haiti
4140 Jamaica
4150 Leeward Islands
4155 Anguilla
4151 Antigua
4152 British Virgin Islands
4153 Montserrat
4154 St. Kitts-Nevis
4160 Martinique
4170 Netherlands Antilles
4180 Trinidad & Tobago
4185 Turks & Caicos Islands
4190 Windward Islands
4191 Dominica
4192 Grenada
4193 St. Lucia
4194 St. Vincent

4200 Central America
4210 Belize
4230 Costa Rica
4240 El Salvador
4250 Guatemala
4260 Honduras
4270 Mexico
4280 Nicaragua
4290 Panama

4300 South America
4305 Argentina
4310 Bolivia
4315 Brazil
4320 Chile
4325 Colombia
4330 Ecuador
4335 Falkland Islands
4340 French Guiana
4345 Guyana
4350 Paraguay
4355 Peru
4360 Suriname
4365 Uruguay
4370 Venezuela

2400 MIDDLE EAST

2405 Bahrain
2410 Cyprus
2415 Iran
2420 Iraq
2425 Israel
2430 Jordan
2435 Kuwait
2440 Lebanon
2445 Oman
2450 Qatar
2455 Saudi Arabia
2460 Syria
2465 Turkey
2470 United Arab Emirates
2485 Yemen Arab Republic
2490 Yemen, People's Democratic Republic of

5000 NORTH AMERICA

5110 Bermuda
5120 Canada

6000 OCEANIA

6100 Australia & New Zealand
6110 Australia
6120 New Zealand

6200 Pacific Ocean Island Areas
6210 Cook Islands
6215 Fiji
6220 French Polynesia
6225 Kiribati
6230 Nauru
6235 New Caledonia
6250 Niue
6255 Norfolk Island
6260 Pacific Islands, Trust Territory of the
6240 Papua New Guinea
6265 Solomon Islands
6270 Tonga
6271 Tuvalu
6245 Vanuatu
6275 Wallis & Futuna Islands
6280 Western Samoa

2000 SOUTH AND EAST ASIA

2100 East Asia
2110 People's Republic of China
2120 Taiwan, China
2130 Hong Kong
2140 Japan
2150 Korea, Democratic People's Republic of
2160 Korea, Republic of
2170 Macao
2180 Mongolia

2200 South Central Asia
2205 Afghanistan
2210 Bangladesh
2215 Bhutan
2220 India
2225 Maldives, Republic of
2230 Nepal
2235 Pakistan
2245 Sri Lanka

2300 Southeast Asia
2305 Brunei
2310 Burma
2320 Cambodia
2315 Indonesia
2325 Laos
2330 Malaysia
2335 Philippines
2345 Singapore
2350 Thailand
2360 Vietnam

ICDC
Interassociational Committee on Data Collection

AACRAO · IIE · NAFSA

September 23, 1985

Dear Colleague:

We want to thank you for responding in the past to the Annual Census of Foreign Students in the United States and to the STEP 3 Survey and would like to ask that you do so again this year. In order for Open Doors and Profiles data to reflect foreign study in the U.S. accurately, it is important that every school reply to the survey. Your participation is essential to the completeness and maximal usefulness of these publications. Would you, therefore, please fill in the enclosed forms and return them promptly?

PLEASE NOTE: IMPORTANT CHANGES MADE

THE STEP 2 FORM IS DIFFERENT THIS YEAR (See details below)

THE DEADLINE FOR RETURNING COMPLETED STEP 2 FORMS HAS BEEN MOVED UP, in an attempt to publish the next edition of Open Doors earlier.

THREE forms must be completed this year:

1) STEP 1: PRELIMINARY REPLY CARD Complete and return AS SOON AS POSSIBLE.

2) STEP 2: INSTITUTIONAL DATA FORM

PLEASE NOTE: THIS YEAR'S FORM IS DIFFERENT FROM FORMS IN THE PAST, in order to respond to your need for more and better data on foreign students. Before completing it, please read the following instructions very carefully.

Two changes appear:

a) This year we ask you to provide breakdowns by ACADEMIC LEVEL.

For all categories describing foreign student characteristics, except "G. ACADEMIC LEVEL", we would like you to fill in the "UNDERGRADUATE", "GRADUATE", and " OTHER" columns, as well as the "TOTAL" column. e.g.

		1985/86			
		UGRAD	GRAD	OTHER	TOTAL
SEX	MALES	550	350	80	980
	FEMALES	200	100	20	320

IF IT IS NOT POSSIBLE FOR YOU TO PROVIDE SUCH BREAKDOWNS THIS YEAR, SIMPLY FILL IN THE "TOTAL" COLUMN AS YOU HAVE BEEN DOING IN THE PAST. However, we urge you to make the necessary adjustments in your records as soon as possible to enable you to give us the requested information in the future.

b) An additional category "International Organization" is included under PRIMARY SOURCE OF FUNDS.

Please complete the form and return it as soon as possible, BUT NO LATER THAN OCTOBER 14, 1985.

3) STEP 3: INDIVIDUAL DATA FORM To provide data at the individual student level, either fill out the form supplied or send an appropriate student roster. Please read the detailed instructions for STEP 3 on the enclosed form before responding.

Please respond as soon as possible, BUT NO LATER THAN NOVEMBER 15, 1985.

Completed forms and inquiries should be addressed to:

Research Division
Institute of International Education
809 United Nations Plaza
New York, NY 10017

Telephone: (212) 984-5349

Thank you very much for your assistance and your cooperation in this important endeavor.

Sincerely,

Bruce T. Shutt
President
American Association of
Collegiate Registrars and
Admissions Officers

Richard M. Krasno
President
Institute of
International Education

Lee Thompson
President
National Association for
Foreign Student Affairs

STEP 3 INSTRUCTIONS

(Title/Office)

(Reporting Official)

(Institution)

(City) (State) (Zip)

The attached label should include Title/Office, the Reporting Official, and the institution's name and address. Please make any necessary changes.

In STEP 3, the Interassociational Committee on Data Collection (ICDC) is asking institutions to provide **individual data** (without actually identifying student names) in order to allow much more detailed reports on the foreign student population in the United States. Only with **individual data** can reports be prepared indicating, for example, the number of female Nigerians studying nursing or the number of master's candidates studying biology from Japan. The last individual data survey, in 1983/84, has been reported in the publication *Profiles*—a copy of which was sent to you recently.

The collection of **individual data** is an enormous undertaking requiring the processing of hundreds of thousands of individual records (as opposed to some 2,800 institutional records in recent years). Its success is largely dependent on the care taken by each institution to provide that data in a manageable form.

If your institution cannot provide data for all the fields requested, you can still contribute significantly to the survey by providing as few as two of the requested fields, such as country of citizenship and field of study. Of course, we urge you to provide as much data as possible.

ANY QUESTIONS SHOULD BE DIRECTED TO: Marianthi Zikopoulos, Research Division, IIE, (212) 984-5347

STEP 3 SHOULD BE RETURNED BY NOVEMBER 15, 1985 TO:

Research Division
Institute of International Education
809 United Nations Plaza
New York, NY 10017

- **INCLUDE ONLY NON-IMMIGRANT FOREIGN STUDENTS AT THE POST-SECONDARY LEVEL**
- ALL INFORMATION SHOULD BE BASED ON THE FALL TERM, 1985
- DEADLINE FOR THE RETURN OF THIS FORM: NOVEMBER 15, 1985

GUIDELINES FOR THE RELEASE OF INDIVIDUAL DATA

Reports based on individual data are available to individuals, agencies or corporations for clearly identified purposes of scholarly research, public information or recruitment for employment.

Reports will be produced for recruitment purposes only when the employer has indicated that the openings are for employment in the students' home countries or, in some instances, home regions, students' obligations to the sponsors of their U.S. study and or to their own governments will be respected, the corporation or agency does not engage in discriminatory practices.

Student names obtained as a by-product of the census activity will not be released in any case without the student's prior consent.

The Institute of International Education reserves the right to request that the proposed use of the data can be documented and to withhold individual data when the request is not deemed to be for appropriate scholarly, public information or recruitment purposes.

INSTRUCTIONS CONTINUED ON PAGE 2

STEP 3 INSTRUCTIONS (Continued)

A. HOW TO REPORT INDIVIDUAL DATA

1. The preferred format for reporting **individual data** is by filling out the form on Pages 3 and 4. **If your institution has more foreign students than will fit on this form, please photocopy Page 4 as many times as necessary to include all students.**
2. The **preferred order** for the **individual data** is to list students by country, within country by field of study, within field of study by academic level, etc. If you have two or more students with **identical characteristics**, then list them once and put their number in the first column as in the following illustration:

STEP 3
Individual Data

INDIVIDUAL DATA SURVEY OF FOREIGN STUDENTS—1985/86
Interassociational Committee on Data Collection (ICDC):
AACRAO • IIE • NAFSA

PAGE 3

NUMBER OF STUDENTS	COUNTRY OF CITIZENSHIP	FOR IIE USE ONLY	FIELD OF STUDY (Please be specific e.g. Electrical Engineering, Accounting, Dentistry, etc.)	FOR IIE USE ONLY	ACADEMIC LEVEL (See Code Below)	SEX (Place X in appropriate box) M	SEX (Place X in appropriate box) F	PRIMARY SOURCE OF FUNDS
1	GERMANY		FINANCE		04	X		1
1	INDIA		ELECTRICAL ENGINEERING		05		X	3
3	IRAN		PETROLEUM ENGINEERING		05	X		6
1	NIGERIA		SOIL PHYSICS		09	X		2
1	NIGERIA		MARKETING RESEARCH		08		X	1
1	MEXICO		ART EDUCATION		06	X		7
1	BRAZIL		COMMUNICATION THEORY		05	X		8
1	CHINA (PRC)		AGRICULTURAL MECHANICS		09		X	3

B. ALTERNATIVE MEANS TO REPORT DATA: ROSTER REPORTS/COMPUTER PRINTOUTS

If your institution has too many students to report on the supplied form, IIE will accept computer printouts, directories, or rosters of foreign students.

However, in order that we be able to manage this data, **we strongly urge you to have those rosters produced** in the format and order described in A (above). If you are unable to produce a report in precisely that order, a report grouping students by any of the five characteristics will facilitate our data management task. Note:

- If the report contains codes or abbreviations, please include a key for decoding.
- If the report includes students on immigrant visas (permanent residents) and they cannot be excluded, please identify them.
- Please have any computer printout triple spaced, if possible, to allow room for coding by IIE.
- If you send a report, please attach the label from page 1 of this form.

If you or your data processing department have any questions regarding the provision of data in printouts or on computer tape, please contact Marianthi Zikopoulos at IIE (212) 984-5347.

C. DEFINITIONS

FOREIGN STUDENT—a foreign student is anyone enrolled for courses in the United States who is **not** a citizen or an immigrant (permanent resident). Refugees **are** included. Do **not** include resident aliens (holding "green cards").

FIELD OF STUDY—please be as specific as possible in listing field of study, e.g. electrical engineering or petroleum engineering in the field of engineering, marketing research or retail marketing in the field of marketing. These categories wil be classified using the classification system developed by the National Center for Education Statistics (NCES). A detailed listing of this taxonomy appears in *Open Doors: 1983/84*.

ACADEMIC LEVEL—see codes listed below form on Pages 3 and 4. Include under Intensive English Language only students enrolled in 15 or more contact hours per week.

PRIMARY SOURCE OF FUNDS—the single greatest source of funds for all educational expenses including associated living expenses for a foreign student enrolled in an educational institution within the United States. If a student has more than one source of funds then **use the one source** which represents the largest percentage of all income.

(1) Personal and Family—income derived from personal or private sources.
(2) U.S. sponsor—student is sponsored by the U.S. government, U.S. college or university, or U.S. private sponsor.
(3) Non-U.S. sponsor—student is sponsored by home government, home college or university, foreign private sponsor, international organization, or other sponsor not based in the U.S.

STEP 3
Individual Data

INDIVIDUAL DATA SURVEY OF FOREIGN STUDENTS—1985/86
Interassociational Committee on Data Collection (ICDC):
AACRAO • IIE • NAFSA

NUMBER OF STUDENTS	COUNTRY OF CITIZENSHIP	FOR IIE USE ONLY	FIELD OF STUDY (Please be specific e.g. Electrical Engineering, Accounting, Dentistry, etc.)	FOR IIE USE ONLY	ACADEMIC LEVEL (See Code Below)	SEX (Place X in appropriate box)	PRIMARY SOURCE OF FUNDS
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	

CODES FOR ACADEMIC LEVEL

01 ASSOCIATE (Both 1st & 2nd year)
02 PRACTICAL TRAINING
03 FRESHMAN
04 SOPHOMORE
05 JUNIOR
06 SENIOR
07 UNDERGRADUATE—UNSPECIFIED
08 MASTER'S
09 DOCTORATE
10 PROFESSIONAL TRAINING
11 GRADUATE—UNSPECIFIED
12 NON-DEGREE
13 INTENSIVE ENGLISH LANGUAGE (15 or more contact hrs wk)

CODES FOR PRIMARY SOURCE OF FUNDS

1. PERSONAL AND FAMILY
2. U.S. SPONSOR
3. NON-U.S. SPONSOR

STEP 3
Individual Data

INDIVIDUAL DATA SURVEY OF FOREIGN STUDENTS—1985/86
Interassociational Committee on Data Collection (ICDC):
AACRAO • IIE • NAFSA

NUMBER OF STUDENTS	COUNTRY OF CITIZENSHIP	FOR IIE USE ONLY	FIELD OF STUDY *(Please be specific e.g. Electrical Engineering, Accounting, Dentistry, etc.)*	FOR IIE USE ONLY	ACADEMIC LEVEL *(See Code Below)*	SEX *(Place X in appropriate box)*	PRIMARY SOURCE OF FUNDS
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	
						M F	

CODES FOR ACADEMIC LEVEL

01 ASSOCIATE (Both 1st & 2nd year)
02 PRACTICAL TRAINING
03 FRESHMAN
04 SOPHOMORE
05 JUNIOR
06 SENIOR
07 UNDERGRADUATE—UNSPECIFIED
08 MASTER'S
09 DOCTORATE
10 PROFESSIONAL TRAINING
11 GRADUATE—UNSPECIFIED
12 NON-DEGREE
13 INTENSIVE ENGLISH LANGUAGE (15 or more contact hrs wk)

CODES FOR PRIMARY SOURCE OF FUNDS

1. PERSONAL AND FAMILY
2. U.S. SPONSOR
3. NON-U.S. SPONSOR

ORDER FORM

OPEN DOORS and **PROFILES**
Are The Best Information Resources
on 350,000 Foreign Students in the U.S.!

IIE Publications	Quantity	Price	Total
OPEN DOORS 1986/87 Reports on IIE's annual census of international students with 150 pages of data on national origin, sources of financial support, fields of study, enrollments and rates of growth at nearly 2,800 U.S. colleges and universities. Annual. 150 p. statistical report with text. Paper. ISBN 87206-163-9.		$29.95	
PROFILES: DETAILED ANALYSES OF THE FOREIGN STUDENT POPULATION The most comprehensive data on the characteristics on individual foreign students, provided to IIE by U.S. higher educational institutions in a biennial survey. Relates data on country of origin and field of study, academic kevel, and gender of the foreign student population. Biennial. 100 p. statistical report with text. Paper. ISBN 87206-162-0.		$29.95	
SAVE $10 Buy OPEN DOORS and PROFILES as a SET! "PROFILES rates a high recommendation when purchased along with OPEN DOORS; the two together should be inseparable for they encapsulate a precise body of computation ..." American Reference Book Annual.			$49.00
TOTAL PAYMENT ENCLOSED		$	

Prepay $49 to qualify for the discount with this order form.

U.S. postage and handling included in price. Overseas, add $12 for one book, $18 for both.

Send order form with your check, made payable to the INSTITUTE OF INTERNATIONAL EDUCATION, to:

Publications Service
Institute of International Education
809 United Nations Plaza
New York, NY 10017

☐ Please send me a free catalog listing all IIE publications.

☐ Send me information about the IIE Educational Associate program, through which member colleges and universities receive complimentary copies of each new IIE publication.

Name _____

Title _____

Address _____

City/State/Country _____

Telephone _____ Purchase Order # _____ Date _____

$29.95

PROFILES 1985/1986

Detailed Analyses of the Foreign Student Population

PROFILES provides the best available data on the characteristics of individual foreign students.

The Institute of International Education, the largest U.S. higher educational exchange agency, has conducted an annual statistical survey of the foreign student population of the United States since 1949. Results are published annually as OPEN DOORS.

PROFILES complements OPEN DOORS. Published biennially, PROFILES offers more detailed, in-depth information about the foreign student. OPEN DOORS reports data on single characteristics of the foreign student population, e.g., how many students come from a specific country. PROFILES offers comparative data, e.g., how many students from a specific country are studying in a specific field.

PROFILES and OPEN DOORS together offer the most complete information available today on the foreign student in the United States. Statistical tables and charts are supported by interpretative text. If you wish to purchase the two books, an order form is enclosed for:

OPEN DOORS/PROFILES 2 VOLUME SET $49

Buy the two books which together contain all the most essential data on foreign students at U.S. colleges and universities.

OPEN DOORS 1986/1987 $29.95

Reports on IIE's annual census of international students with nearly 200 pages of information on national origin, fields of study, financial support, enrollments and rates of growth at nearly 2,800 U.S. colleges and universities. New section on U.S. students abroad.

IIE 1919-1989
70 Years of Leadership in International Educational Exchange

Institute of International Education
809 United Nations Plaza
New York, New York 10017

ISBN 87206-162-0